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ABSTRACT

Discussions about how to use and analyze transcripts inevitably include how to classify and measure individual courses and how to aggregate and measure groups of courses in a meaningful way. The Secondary School Taxonomy (SST) was developed in the 1980s by the National Center for Education Statistics (NCES) as a framework for aggregating and analyzing transcript data and has since been used to monitor U.S. progress toward meeting national goals for student course-taking in academic and vocational subjects as well as overall trends in course taking in U.S. schools. Chapters 1, 2, and 3 describe the revised SST and its predecessor. Chapters 4 and 5 contain the SST with the codes that make it usable. Appendixes list members of the Professional Work Group, discuss effects of the revision, and give a detail of the revised code assignments. (Contains 12 figures and 14 tables.) (SLD)

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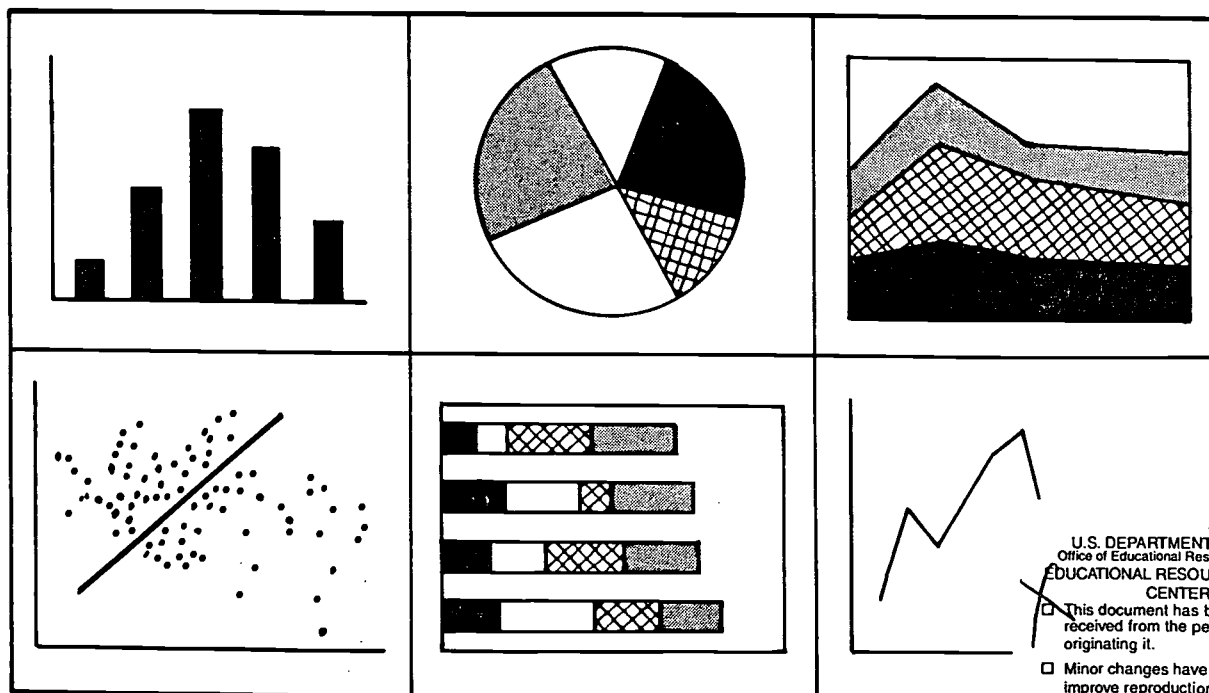
Working Paper Series

ED 434 142

1998 Revision of the Secondary School Taxonomy

Working Paper No. 1999-06

March 1999



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***1998 Revision of the
Secondary School Taxonomy***

Working Paper No. 1999-06

March 1999

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Foreword

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**1998 Revision of the
Secondary School Taxonomy**

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**U.S. Department of Education
Office of Educational Research and Improvement
National Center for Education Statistics**

March 1999

Preface

The National Center for Education Statistics (NCES) collects data, directs analyses, and publishes information concerning the condition of education in the United States. In this role, NCES has collected secondary school transcripts since 1982, starting with the High School and Beyond longitudinal study. A great deal of power exists within transcript data to serve policy concerns, at both national and local levels.

Discussions about how to use and analyze transcripts inevitably include how to classify and measure individual courses and how to aggregate and measure groups of courses in a meaningful way. The Secondary School Taxonomy (SST) was developed in the 1980s as a framework for aggregating and analyzing transcript data and has since been used to monitor the nation's progress toward meeting national goals for student course-taking in academic and vocational subjects, as well as overall trends in course-taking in America's high schools.

This report is the first published update of the SST since it was first developed. Along with the companion guide, *Procedures Guide for Transcript Studies*, it is hoped that this report can facilitate better and more accurate comparisons of local, state, and national data, leading to a greater use of transcripts for policy, research, and practice.

Acknowledgments

Many individuals made substantial contributions to the preparation of this report. First and foremost, the members of the Professional Work Group deserve many thanks for their thought-provoking discussions and contributions throughout the duration of this project. Jim Houser and Dawn Nelson also deserve appreciation for their direction as project officers for the National Center for Education Statistics (NCES).

At MPR Associates, Karen Levesque provided thoughtful direction and analytic assistance to the project; Fena Neustaedter and Stacie Chun gave assistance in organizing and supporting the Professional Work Group; and Andrea Livingston, Karyn Madden, Francesca Tussing, and Bobbi Kridl provided editorial and production assistance.

The report was reviewed within the U.S. Department of Education by Mary Frase, Marilyn McMillen, Janis Brown, Jeff Owings, Lisa Hudson, and Andrew Kolstad of NCES; Cynthia Brown and Doris Werwie of the Office of Vocational and Adult Education; Audrey Pendleton of Planning and Evaluation Service; and Milagros Lanauze of the Office of Bilingual Education and Minority Languages Affairs. In addition, Stanley Legum and Robert Haven of Westat and David Burkam of the University of Michigan also reviewed the document. The consideration and contributions of all of the reviewers were greatly appreciated.

Table of Contents

	Page
Foreword	iii
Preface	vi
Acknowledgments	vii
List of Tables	ix
List of Figures	x
I Introduction	1
Introduction.....	1
Organization of the Paper	2
Impetus for the Revision	3
2 The Secondary School Taxonomy	7
Background	7
Structure of the SST	7
SST Coding	10
Use of the SST	11
Outline of the Revised SST	12
3 Revisions	21
Academic Expansion	21
Vocational Expansion	32
Enrichment/Other Expansion.....	40
Special Education	41
Changes Throughout the Taxonomy	41
Changes Discussed but Not Made	50
4 Revised SST (CSSC-filled)	53
Explanation of the Classification of Secondary School Courses (CSSC)	53
Problems Encountered	53
SST with CSSC codes	54
5 Revised SST (SNCC-filled)	111
Explanation of the Standard National Course Classification System (SNCC).....	111
Problems Encountered	112
SST with SNCC codes.....	113
Appendix A: Professional Work Group	145
Appendix B: Effects of the Revision	147
Appendix C: Detail of the Revised CSSC Code Assignments	171

List of Tables

Tables	Page
3.1 Movement of Individual Codes During the Revision.....	43

Appendix Tables

1	Average Number of Academic, Vocational, and Enrichment/Other Credits Earned by 1992 Graduates, by Selected Background Characteristics	148
2a	Average Number of Academic Credits Earned by 1992 Graduates, by Academic Area and by Selected Background Characteristics	149
2b	Average Number of Academic Credits Earned by 1992 Graduates, by Academic Area and by Selected Background Characteristics	150
3	Average Number of Vocational Credits Earned by 1992 Graduates, by Vocational Category and by Selected Background Characteristics.....	151
4	Average Number of Vocational Credits Earned by 1992 Graduates, by GLMP Vocational Category and by Selected Background Characteristics.....	152
5	Average Number of Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Major Taxonomy Categories	153
6	Average Number of Academic Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories.....	154
7	Average Number of Mathematics Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories.....	156
8	Average Number of Science Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories.....	157
9	Average Number of English Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories.....	159
10	Average Number of Social Studies Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories.....	161
11	Average Number of Fine Arts Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories.....	163
12	Average Number of Vocational Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories.....	164
13	Average Number of Vocational Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Vocational Credit in Particular Specific Labor Market Categories	165
14	Average Number of Enrichment/Other Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories	169

List of Figures

Figures	Page
2.1 Secondary School Taxonomy Overview	9
3.1 Overview of the Revised Academic Curriculum Area	22
3.2 Changes Made to the English Subject Area.....	24
3.3 Changes Made to the Social Studies Subject Area.....	26
3.4 Changes Made to the Science Subject Area	28
3.5 Changes Made to the Mathematics Subject Area	30
3.6 Changes Made to the Non-English Languages Subject Area	31
3.7 Overview of the Revised Vocational Curriculum Area.....	33
3.8 SLMP Comparison	34
3.9 Changes Made to the Technology and Communications Subject Area.....	35
3.10 Changes Made to the Precision Production Subcategory within Trade and Industry	36
3.11 SST/NSSB Comparison.....	39

Chapter 1

Introduction

Introduction

The courses high school students take and the outcomes associated with their course-taking are a long-standing interest of national education surveys. One of the most accurate and complete sources of information on courses taken, grades awarded, credits earned, and other related data is the student transcript. The High School and Beyond (HS&B) study, which surveyed national samples of 1980 high school sophomores and seniors, was the first survey conducted by the National Center for Education Statistics (NCES) to collect high school transcript data.¹ Subsequently, NCES collected high school transcripts along with the National Assessment of Educational Progress (NAEP) and as part of the National Education Longitudinal Study of 1988 (NELS:88).

The value of transcript data has become quite apparent to researchers and policymakers. Transcripts provide a detailed record of what courses students took and when, much more accurately than students can recollect. Information on grades and credits earned is also much more precise, either because students cannot remember exactly what they accomplished or because their memories reflect wishes more than reality. Furthermore, transcripts frequently provide other useful information, such as test scores or confirmation of high school graduation, that is not readily available elsewhere. Finally, when using transcript data directly, researchers are often better able to resolve such technical problems as reconciling different grading scales (for example, letter grades versus numeric grades) or computing comparable estimates of credits earned in courses offered by schools on a quarter or trimester system rather than those using semesters.

When reviewing transcripts in NCES surveys, one must begin by considering some of the primary uses of the data and analyses. Over the past 15 years, NCES transcript information has figured prominently in policy and research. While practitioners have probably used national transcript data less than researchers and policymakers, transcripts are nevertheless an important

¹NCES collected postsecondary transcripts for students participating in the National Longitudinal Study of the Senior Class of 1972 (NLS-72). This survey, however, did not collect high school transcripts, relying instead on students to report information on the courses they took in high school.

component of administrative records at the local level. Transcript data can provide useful information on a number of questions that concern policymakers and educators, such as the following:

- What courses do high school students take, and how many courses do they take in each of the major subject areas—math, science, English, and so on?
- How many units do high school students accumulate over their high school careers, both in the aggregate and within subject areas, and have these totals changed over time?
- To what extent do course offerings reflect academic and industry skill standards established by national and state efforts to define curriculum objectives more clearly?
- How does the breadth and depth of course offerings vary among high schools? Have these offerings changed over time, and if so, how?
- To what extent do students pursue the higher level, more challenging courses in the high school curriculum, and have any of these patterns changed over time?
- To what extent do students engage in a coherent program of academic or vocational study, as opposed to dabbling in a wide range of unrelated or low-level courses?
- How do answers to any of these questions vary according to the characteristics of high school students or the communities in which they reside?

In order to further improve the usefulness and accuracy of transcript data, NCES requested a review of the procedures it uses to collect, analyze, and report information from high school transcripts. This project's wide-ranging discussions and research concerning transcript data and the opportunities and challenges they present during collection, compilation, analysis, and use have resulted in two papers. This paper, *The 1998 Revision of the Secondary School Taxonomy*, concerns the framework used for aggregating individual course offerings when analyzing transcript data. A companion paper, *Procedures Guide for Transcript Studies*, sets forth a set of standard procedures for conducting secondary school transcript analyses with NCES data.

Organization of the Paper

The 1998 Revision of the Secondary School Taxonomy begins by presenting the reasons for revising the Secondary School Taxonomy (SST), the primary framework used in NCES analyses of high school transcript data. Chapter 2 provides greater coverage of the taxonomy itself—its

background, structure, coding conventions, and use, ending with an outline of the revised SST. Chapter 3 will be of interest primarily to those familiar with the “old” SST because it explains the changes have been made in the revised SST. Chapters 4 and 5 contain the SST itself, filled with the course codes that make it a usable taxonomy, with chapter 4 using codes and sample course titles from the Classification of Secondary School Courses, and chapter 5 using course codes and titles from the Standard National Course Classification System. Each chapter begins with a brief introduction to these course classification systems to help users who are unfamiliar with their structures. Appendix A lists the analysts and educators who assisted with this task, and Appendix B uses data from the National Education Longitudinal Study of 1988 to provide examples of the changes brought about by the revisions. Appendix C details the relocation of course code assignments that resulted from revisions, enabling analysts to connect the old and new versions of the taxonomy.

Impetus for the Revision

NCES had several goals when it asked analysts and educators to convene as a professional work group to discuss high school transcript data and how they might be used to their full advantage: it hoped to share information about current practice among staff and contractors; to gain input from researchers, policymakers, and educators on the most effective ways to analyze its transcripts; and to increase data consistency across the publications produced by the various divisions within NCES. Guided by these goals, the group of convened experts determined some of the overriding issues that needed attention by the analysts working on the revision.

Capitalizing on Educational Trends

As a framework for analyzing patterns, determining relationships, and exposing trends in course-taking behaviors, a taxonomy must be able to reflect the curricula offered within the nation’s schools. Several education reform movements have been promoted since the SST was developed a decade ago. Although it is perhaps too early to tell whether the changes made to course curricula as a result of these efforts will last, information regarding the prevalence and results of these changes is needed to further inform policymaking. Because the taxonomy should reflect current practice, the researchers and consultants working on the revision were charged with paying particular attention to recent and emerging curriculum changes. Included among the specific issues addressed in the revision of the SST were efforts to integrate material both within

and across traditional subject matter, development of new courses and content based on national standards projects, and increasing use of higher technology within schools. Certainly, not all of the educational trends occurring throughout the United States were discussed, and not all of the trends that were identified generated changes in the SST. It was important to weigh the desire to reflect emerging trends and recent innovations against the need for stable historical trend data.

Desire for Greater Detail

Members of the professional work group and other advisors raised questions about the possibility of having greater detail reflected in the SST categories. Researchers who use student-level NCES data (as opposed to the course-level data) work with credit totals of the SST code categories, not the individual and more specific course codes. If the level of aggregation is too great, important detail is lost and desired distinctions cannot be made. This desire for greater detail concerned Advanced Placement (AP) work for college (as defined by the College Board), cooperative or work experience courses in the vocational curriculum, and more or further topical categorizations within both the academic and vocational curricula. Chapter 3 contains a fuller discussion of these concerns.

Correcting Misplacements

Individual researchers performing transcript analyses under contract to the government have access not only to the SST codes but also to individual course codes. Several of these contractors have felt the need to make alterations to the SST during their analyses. Some of these changes have been felt necessary due to perceived errors in judgment during the development of the SST. For example, in the original SST, English as a Second Language courses were placed within the Foreign Language subject area. The revision process needed to address courses such as these, which may have been mis- or ill-placed. Other, less obvious concerns were added to the list of possible revisions. In particular, the researchers had differing opinions about the placement of several specific courses. A reasonable person could argue that some of the religion courses (contained within the Personal/Other category in the original SST) should be placed in academic areas (such as English or Social Studies), since they may involve the study of the literature of a certain religion or a comparison of the effect of different religious beliefs on different peoples rather than the study of religion per se. The revision process involved reviewing the original

course codes, double-checking all course descriptions, and carefully determining their proper placement within the SST.

Consistency Among NCES reports

A desire for consistency and accuracy across various analyses of transcript studies was another strong impetus for developing the revised SST and its companion *Procedures Guide for Transcript Studies*. As the Department of Education's main source of statistics regarding educational trends and outcomes, NCES needs to ensure that information published and disseminated from its various divisions, if based on the same data, results in the same estimates and conclusions. In recent years, NCES has contracted with several firms to conduct analyses of transcript data. However, these contractors have not always used the same procedures in performing their work.

As with the original development of the SST, educators as well as researchers with experience and expertise in transcript data research served as consultants for the project. (Members of the professional work group are listed in appendix A.) These consultants provided feedback on the taxonomy itself in addition to providing guidance regarding innovations and trends. As a result, many believe that the SST can serve as the foundation for future transcript studies, leading to more consistent analyses and estimates among NCES publications. In addition, as national statistics become more standardized, state and local education agencies can begin to use the same taxonomy in order to compare their local-level data with national outcomes and benchmarks.

Chapter 2

The Secondary School Taxonomy

Background

Developed in 1987, the Secondary School Taxonomy (SST) is a framework for analyzing transcript data. Researchers working on the National Assessment of Vocational Education (NAVE) created the SST as an organizational tool to distinguish academic coursework from vocational coursework and to separate both from other types of coursework. The taxonomy is a way of aggregating secondary school coursework into categories that enable people to think about course-taking patterns more clearly, analyze more effectively, and draw conclusions more succinctly than they could without such an organizing structure. The SST has since become a primary vehicle for structuring analyses of transcript data resulting from longitudinal studies conducted by NCES. Prior to the publication of this report, the SST remained essentially unchanged since its initial development.

As a taxonomy—organizing individual courses into aggregate categories—the SST depends upon an underlying course classification system. It is not, however, a course classification system itself. The creators of the SST used the Classification of Secondary School Courses (CSSC) as the foundation of the taxonomy, but intended it to facilitate comparisons over time and serve as a bridge across several transcript data sets, regardless of the classification system used to code individual courses. Because NAVE analyses used the High School and Beyond (HS&B) 1980 Sophomore Cohort Transcript file, and courses within that file had been coded with the CSSC, the choice of the CSSC as the underlying system of the SST was a given. Although the CSSC is still the only course classification system used by NCES in longitudinal studies of secondary students, another system has been developed through its pilot stage: the Standard National Course Classification System (SNCC). As presented in this report (in chapters 4 and 5), the revised SST can be applied to both the CSSC and the SNCC.

Structure of the SST

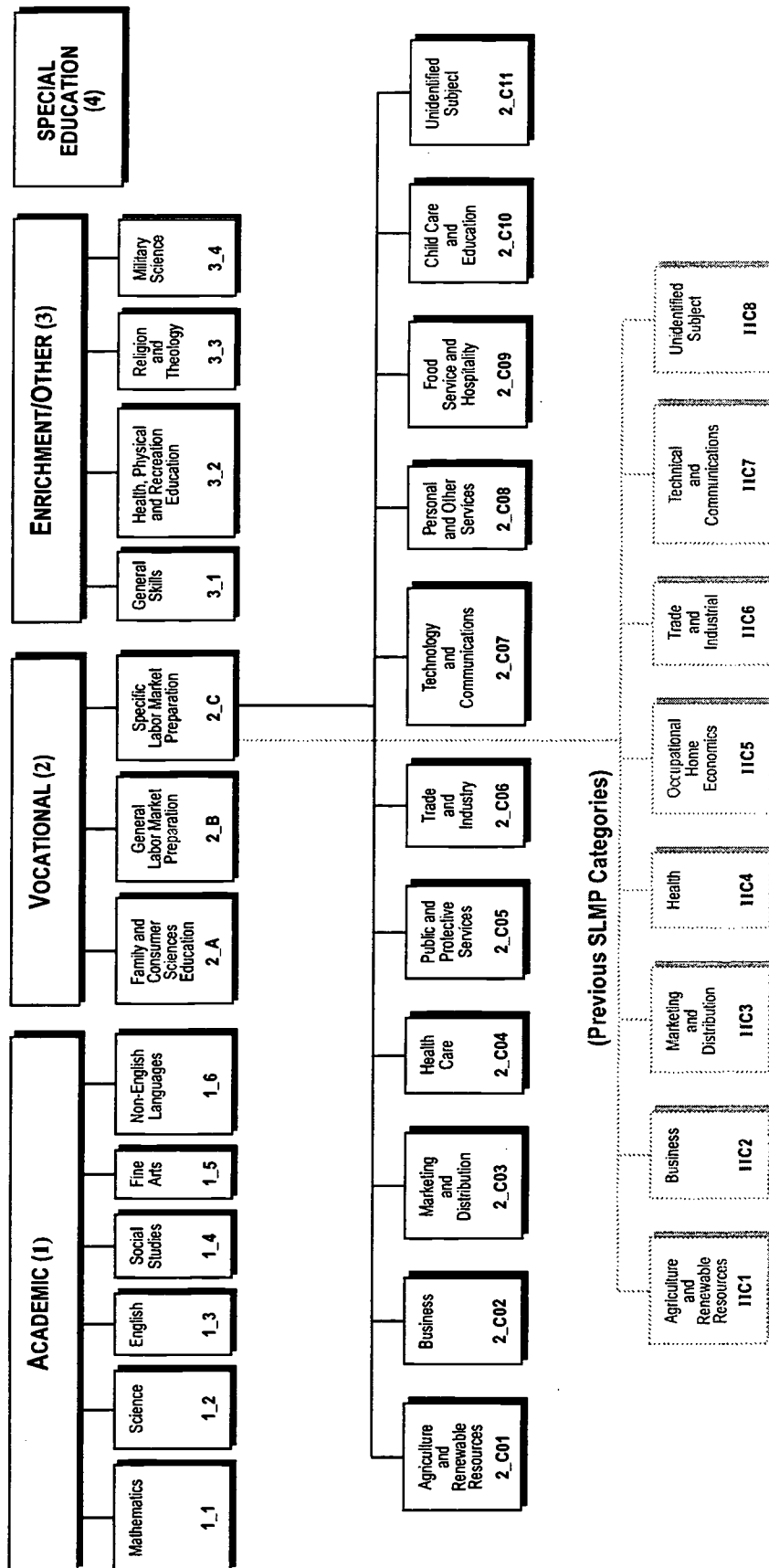
At its highest (most aggregated) level, the revised SST divides high school coursework into four distinct curricula: Academic, Vocational, Enrichment/Other, and Special Education. These four categories maintain the distinctions made in the original SST between traditional academic

courses, courses in the vocational/technical curriculum, courses believed to be designed for students' personal enrichment, and courses specifically categorized as those designed for students with individual education plans. At this level, the SST provides the ability to collapse coursework into just a few areas, making it relatively easy to analyze trends in and trade-offs between large categories of course taking (such as academic and vocational).

In turn, these four curricular areas contain more specific subject areas with a coherent theme or similar content. The subject area categories within the academic curriculum—Mathematics, Science, English, Social Studies, Fine Arts, and Non-English Languages—mirror the traditional departments found in most American high schools. Within the vocational curriculum, the three areas include Family and Consumer Sciences, General Labor Market Preparation, and Specific Labor Market Preparation. The Enrichment/Other curriculum area categorizes courses into the subject areas of General Skills; Health, Physical, and Recreational Education; Religion and Theology; and Military Science. The Special Education curriculum is the only curriculum area in the SST without more specific subject area categories contained within it. Figure 2.1 illustrates the taxonomy's main curricular and subject areas.

Within the subject area categories of the academic curriculum, the SST organizes courses by topic and, where appropriate, by level of difficulty. The majority of the vocational course titles lie within the Specific Labor Market Preparation (SLMP) category. Within the SLMP category of the vocational curriculum, the SST creates further topical specializations and then organizes courses in a somewhat sequential nature: first course, second or later course in sequence, specialty course, and cooperative or work experience courses. Of the other two categories within the vocational curriculum, the Family and Consumer Sciences category is organized in a sequential manner, while the General Labor Market Preparation (GLMP) category has a topical organization. Other than the General Skills category, which is organized by topics into Enrichment, Assistance, and Service, the subject area categories of the Enrichment/Other curriculum area have no further organizing features. The only changes made to the SST in these major categories were to the SLMPs; previous SLMP categories of the SST are in greyscale in figure 2.1.

Figure 2.1—Secondary School Taxonomy Overview



SST Coding

The alphanumeric coding of the SST roughly follows a modified outline format, but does contain a few irregularities. The four main curricula are noted as Arabic numerals: 1, 2, 3, and 4; the subject areas that further categorize coursework are also noted as Arabic numerals: 1, 2, 3, and so on. An underscore separates these two numbers. The main categories within the academic curricula (such as Science) are further divided into topics (such as survey science, biological science, chemistry, physics, earth science, physical science, and engineering). These further topical divisions are also marked by a number (creating 1_21, 1_22, and 1_23, continuing the science example). In general, the coding algorithm dictates that ending numbers (1, 2, 3, and so on) denote different “types” of courses, and ending letters (A, B, C, and so forth) denote “levels” of courses. For example, 1_64 indicates courses within the academic curricula (because the first digit equals 1), within the sixth subject area (Science), and further within a topical area; 1_64B would denote courses within a topical area that had been further separated into levels of difficulty. Within the academic curricula, the levels are usually basic, regular, advanced/honors, specialized topics, and Advanced Placement/International Baccalaureate (AP/IB); within the vocational curricula, the levels are first course, second (or later) course, specialty course, and co-op/work experience. The levels for Non-English Languages assume that successive years of the same language increase in difficulty.

As mentioned, a few irregularities exist. The first exception concerns the English category. Although the first digit is appropriately followed by numbers denoting topical areas within English and then followed by letters denoting levels, English survey coursework is again differentiated by year. Therefore, although taxonomy codes for English survey end in a number, there is a much more intricate categorization than is usually the case for codes ending with a number.

The vocational curriculum has an additional letter immediately following its first numeral (2), making the beginning format of these codes different from the rest of the taxonomy coding. However, this additional level of coding for the three main areas of the vocational curriculum (Family and Consumer Sciences, GLMP, and SLMP) keeps the meaning of the coding structure consistent for most of the categories and courses within the vocational curriculum (those within SLMPs). Because of the additional letter following the numeral 2 within the vocational curricula, this portion of the SST can follow a normal outline format and have SST codes ending with

numbers still denoting topical areas, while those ending with letters indicating levels. A few categories within the SLMP categories (Business, Trade and Industry, and Technology and Communications) are divided into topical areas before dividing again by level.

The SST is an exclusive and strict hierarchical taxonomy. As an exclusive taxonomy, courses may be placed in one and only one category. As a strict hierarchical taxonomy, courses must be placed within one of the most specific categories possible. In other words, a course cannot simply belong to the Physics category; it must also be placed within one of the levels within Physics. Of course, if further topical areas or levels do not exist (such as with Military Science or Engineering), then the course obviously must remain at a higher level. However, where there is such specificity, further placement must be made. The strict hierarchical nature of the SST has both benefits and limitations. Analyses using the SST will always have the whole equal to the sum of its parts: adding up the credits earned by students in all levels of physics courses will equal the total number of credits earned by students in the Physics category (barring rounding errors). Likewise, adding up the credits earned by students in all types of science courses will equal the total number of credits earned by students in the Science category. This strict nature of the SST has at least one drawback: unusual courses are sometimes difficult to place. To alleviate this problem, several of the categories include “Other” as an option and most of the remaining subject areas have “specialized topics” or “specialty courses” where unusual courses can be placed.

Use of the SST

The design of frameworks for analyzing transcript data is determined, in part, by the research questions and policy issues that particular analyses are intended to address. Although originally developed primarily as an analytic tool to determine the prevalence of and patterns in vocational coursetaking, the SST has also been used to monitor the nation’s progress toward meeting national goals for student coursetaking in academic subjects, as well as more general trends in coursetaking in America’s high schools. In revising the SST, the developers sought to make the taxonomy even more flexible for informing a variety of policy concerns, such as monitoring the prevalence of advanced, honors, and Advanced Placement (AP) coursework; trends in completing the curriculum promoted as the New Basics; and so on. The SST is a valuable, flexible tool for analyzing patterns that discriminate between students, determining the

relationships between particular course-taking patterns and labor market or postsecondary outcomes, and exploring educational trends.

While the SST is designed to accommodate a wide range of concerns, it cannot anticipate all present and future uses of transcript data. The current and revised SST are both based on the CSSC course coding and primarily exploit the information that these codes provide. As such, the SST is also constrained by the same information. If other, more detailed course coding systems gain widespread acceptance and use, a different taxonomy (or features added to the revised taxonomy) might be able to capitalize on the information provided by these codes. For example, an expressed interest in service learning or learning opportunities outside the school building (such as internships or other types of work-based learning) could be explored if course codes denoted a dependence upon these pedagogies or learning activities within the course itself. Currently, the CSSC does not provide this level of detail. Given the wide variations in subject coverage, teaching expertise, and opportunities within given communities, questions regarding such innovative efforts as service learning and work-based opportunities may best be addressed at the local level. Alternative, specialized taxonomies may need to be designed to address issues that the SST cannot currently handle.

Outline of the Revised SST

The outline on the following pages presents the SST framework. Although not a usable taxonomy unless filled with actual courses, this outline provides users with the major and minor categories into which secondary school coursework has been divided.

1	ACADEMIC CURRICULUM
1_1	<u>MATHEMATICS</u> Credits
1_11	General Mathematics
1_11A	General Mathematics, ESE/Functional
1_11B	General Mathematics, Basic
1_11C	General Mathematics, Regular
1_11D	General Mathematics, Other
1_12	Consumer Mathematics
1_12A	Consumer Mathematics, ESE/Functional
1_12B	Consumer Mathematics, Regular
1_13	Pre-Algebra
1_14	Algebra 1
1_15	Geometry
1_16	Algebra 2 through Pre-Calculus
1_17	Advanced Mathematics
1_17A	Advanced Mathematics, Calculus
1_17B	Advanced Mathematics, AP/IB
1_17C	Advanced Mathematics, Other
1_18	Unified Mathematics
1_19	Occupationally-Related Mathematics
1_19A	Occupationally-Related Mathematics, ESE/Functional
1_19B	Occupationally-Related Mathematics, Regular
1_2	<u>SCIENCE</u> Credits
1_21	Survey Science
1_21A	Survey Science, Basic
1_21B	Survey Science, Specialized Topics
1_21C	Survey Science, Integrated/Unified Topics
1_22	Biological Science
1_22A	Biological Science, Basic
1_22B	Biological Science, Regular
1_22C	Biological Science, Advanced and Honors
1_22D	Biological Science, Specialized Topics
1_22E	Biological Science, AP/IB
1_23	Chemistry
1_23A	Chemistry, Basic
1_23B	Chemistry, Regular
1_23C	Chemistry, Advanced and Honors
1_23D	Chemistry, Specialized Topics
1_23E	Chemistry, AP/IB
1_24	Physics
1_24A	Physics, Basic
1_24B	Physics, Regular
1_24C	Physics, Advanced and Honors
1_24D	Physics, Specialized Topics
1_24E	Physics, AP/IB

1_25	Earth Science
1_25A	Earth Science, Basic
1_25B	Earth Science, Regular
1_25C	Earth Science, Advanced and Honors
1_25D	Earth Science, Specialized Topics
1_26	Physical Science
1_26A	Physical Science, Basic
1_26B	Physical Science, Regular
1_26C	Physical Science, Advanced and Honors
1_26D	Physical Science, Specialized Topics
1_27	Engineering
1_3	<u>ENGLISH</u> Credits
1_31	English Survey
1_31A	English Survey, Language Skills
1_31B	English Survey, Grades 7 and 8
1_31C	English Survey, ESE/Functional
1_31C1	English Survey, ESE/Functional, Grade 9
1_31C2	English Survey, ESE/Functional, Grade 10
1_31C3	English Survey, ESE/Functional, Grade 11
1_31C4	English Survey, ESE/Functional, Grade 12
1_31D	English Survey, Basic
1_31D1	English Survey, Basic, Grade 9
1_31D2	English Survey, Basic, Grade 10
1_31D3	English Survey, Basic, Grade 11
1_31D4	English Survey, Basic, Grade 12
1_31E	English Survey, Regular
1_31E1	English Survey, Regular, Grade 9
1_31E2	English Survey, Regular, Grade 10
1_31E3	English Survey, Regular, Grade 11
1_31E4	English Survey, Regular, Grade 12
1_31F	English Survey, Advanced and Honors
1_31F1	English Survey, Advanced and Honors, Grade 9
1_31F2	English Survey, Advanced and Honors, Grade 10
1_31F3	English Survey, Advanced and Honors, Grade 11
1_31F4	English Survey, Advanced and Honors, Grade 12
1_31G	English Survey, AP/IB
1_32	Literature
1_33	Composition and Writing
1_34	Speech
1_35	English as a Second Language
1_4	<u>SOCIAL STUDIES</u> Credits
1_41	American History
1_41A	American History, Basic
1_41B	American History, Regular
1_41C	American History, Advanced and Honors
1_41D	American History, Specialized Topics
1_41E	American History, AP/IB

1_42	World History
1_42A	World History, Basic
1_42B	World History, Regular
1_42C	World History, Advanced and Honors
1_42D	World History, Specialized Topics
1_42E	World History, AP/IB
1_43	Government & Politics
1_43A	Government & Politics, Basic
1_43B	Government & Politics, Regular
1_43C	Government & Politics, Advanced and Honors
1_43D	Government & Politics, Specialized Topics
1_43E	Government & Politics, AP/IB
1_44	Economics
1_44A	Economics, Basic
1_44B	Economics, Regular
1_44C	Economics, Advanced and Honors
1_44D	Economics, Specialized Topics
1_44E	Economics, AP/IB
1_45	Behavioral Sciences
1_45A	Behavioral Sciences, Basic
1_45B	Behavioral Sciences, Regular
1_45C	Behavioral Sciences, Advanced and Honors
1_45D	Behavioral Sciences, Specialized Topics
1_45E	Behavioral Sciences, AP/IB
1_46	Geography
1_46A	Geography, Basic
1_46B	Geography, Regular
1_46C	Geography, Advanced and Honors
1_46D	Geography, Specialized Topics
1_46E	Geography, AP/IB
1_47	Social Science, Humanities, and Other
1_47A	Social Science, Humanities, and Other, Basic
1_47B	Social Science, Humanities, and Other, Regular
1_47C	Social Science, Humanities, and Other, Advanced and Honors
1_47D	Social Science, Humanities, and Other, Specialized Topics
1_47E	Social Science, Humanities, and Other, AP/IB
1_5	<u>FINE ARTS</u> Credits
1_51	Visual Arts
1_51A	Visual Arts, Basic
1_51B	Visual Arts, Regular and Advanced
1_51C	Visual Arts, AP/IB
1_52	Music
1_52A	Music, Basic
1_52B	Music, Regular and Advanced
1_52C	Music, AP/IB
1_53	Dance
1_54	Theater Arts

1_6	<u>NON-ENGLISH LANGUAGES Credits</u>
1_61	Non-English Languages—Spanish
1_61A	Spanish, Year 1
1_61B	Spanish, Year 2
1_61C	Spanish, Year 3
1_61D	Spanish, Year 4+
1_61E	Spanish, AP/IB
1_62	Non-English Languages—French
1_62A	French, Year 1
1_62B	French, Year 2
1_62C	French, Year 3
1_62D	French, Year 4+
1_62E	French, AP/IB
1_63	Non-English Languages—German
1_63A	German, Year 1
1_63B	German, Year 2
1_63C	German, Year 3
1_63D	German, Year 4+
1_63E	German, AP/IB
1_64	Non-English Languages—Latin
1_64A	Latin, Year 1
1_64B	Latin, Year 2
1_64C	Latin, Year 3
1_64D	Latin, Year 4+
1_64E	Latin, AP/IB
1_65	Non-English Languages—Italian
1_65A	Italian, Year 1
1_65B	Italian, Year 2
1_65C	Italian, Year 3
1_65D	Italian, Year 4+
1_65E	Italian, AP/IB
1_66	Non-English Languages—Other
1_66A	Other, Year 1
1_66B	Other, Year 2
1_66C	Other, Year 3
1_66D	Other, Year 4+
1_66E	Other, AP/IB
1_67	Non-English Languages, General/Survey

2 VOCATIONAL EDUCATION CURRICULUM

2_A	<u>FAMILY AND CONSUMER SCIENCES EDUCATION Credits</u>
2_AA	Family and Consumer Sciences Education, 1st course
2_AB	Family and Consumer Sciences Education, 2nd (or later) courses
2_AC	Family and Consumer Sciences Education, Specialty courses
2_B	<u>GENERAL LABOR MARKET PREPARATION (GLMP) Credits</u>
2_B1	GLMP, Basic Keyboarding/Typewriting

2_B2	GLMP, Industrial Arts
2_B3	GLMP, Career Preparation/General Work Experience
2_B4	GLMP, Technology Education
2_B5	GLMP, Other
2_C	<u>SPECIFIC LABOR MARKET PREPARATION (SLMP) Credits</u>
2_C01	Agriculture and Renewable Resources
2_C01A	Agriculture and Renewable Resources, 1st course
2_C01B	Agriculture and Renewable Resources, 2nd (or later) courses
2_C01C	Agriculture and Renewable Resources, Specialty courses
2_C01D	Agriculture and Renewable Resources, Co-op/Work Experience
2_C02	Business
2_C021	Business Management
2_C021A	Business Management, 1st course
2_C021B	Business Management, 2nd (or later) courses
2_C021C	Business Management, Specialty courses
2_C021D	Business Management, Co-op/Work Experience
2_C022	Business Services
2_C022A	Business Services, 1st course
2_C022B	Business Services, 2nd (or later) courses
2_C022C	Business Services, Specialty courses
2_C022D	Business Services, Co-op/Work Experience
2_C03	Marketing and Distribution
2_C03A	Marketing and Distribution, 1st course
2_C03B	Marketing and Distribution, 2nd (or later) courses
2_C03C	Marketing and Distribution, Specialty courses
2_C03D	Marketing and Distribution, Co-op/Work Experience
2_C04	Health Care
2_C04A	Health Care, 1st course
2_C04B	Health Care, 2nd (or later) courses
2_C04C	Health Care, Specialty courses
2_C04D	Health Care, Co-op/Work Experience
2_C05	Public and Protective Services
2_C05A	Public and Protective Services, 1st course
2_C05B	Public and Protective Services, 2nd (or later) courses
2_C05C	Public and Protective Services, Specialty courses
2_C05D	Public and Protective Services, Co-op/Work Experience
2_C06	Trade and Industry (T&I)
2_C061	T&I, Construction Trades
2_C061A	T&I, Construction Trades, 1st course
2_C061B	T&I, Construction Trades, 2nd (or later) courses
2_C061C	T&I, Construction Trades, Specialty courses
2_C061D	T&I, Construction Trades, Co-op/Work Experience

2_C062	T&I, Mechanics and Repair
2_C062A	T&I, Mechanics and Repair, 1st course
2_C062B	T&I, Mechanics and Repair, 2nd (or later) courses
2_C062C	T&I, Mechanics and Repair, Specialty courses
2_C062D	T&I, Mechanics and Repair, Co-op/Work Experience
2_C063	T&I, Precision Production
2_C0631	T&I, Precision Production (Drafting/Graphics/Printing)
2_C0631A	T&I, Precision Production (Drafting/Graphics/Printing), 1st course
2_C0631B	T&I, Precision Production (Drafting/Graphics/Printing), 2nd (or later) courses
2_C0631C	T&I, Precision Production (Drafting/Graphics/Printing), Specialty courses
2_C0632	T&I, Precision Production (Metals/Wood/Plastics)
2_C0632A	T&I, Precision Production (Metals/Wood/Plastics), 1st course
2_C0632B	T&I, Precision Production (Metals/Wood/Plastics), 2nd (or later) courses
2_C0632C	T&I, Precision Production (Metals/Wood/Plastics), Specialty courses
2_C0633	T&I, Precision Production (Other)
2_C0633A	T&I, Precision Production (Other), 1st course
2_C0633B	T&I, Precision Production (Other), 2nd (or later) courses
2_C0633C	T&I, Precision Production (Other), Specialty courses
2_C0634	T&I, Precision Production, Co-op/Work Experience
2_C064	T&I, Transportation and Material Moving
2_C064A	T&I, Transportation and Material Moving, 1st course
2_C064B	T&I, Transportation and Material Moving, 2nd (or later) courses
2_C064C	T&I, Transportation and Material Moving, Specialty courses
2_C064D	T&I, Transportation and Material Moving, Co-op/Work Experience
2_C07	Technology and Communications
2_C071	Computer Technology
2_C071A	Computer Technology, 1st course
2_C071B	Computer Technology, 2nd (or later) courses
2_C071BA	Computer Technology, 2nd (or later) courses, non-AP/IB
2_C071BB	Computer Technology, 2nd (or later) courses, AP/IB
2_C071C	Computer Technology, Specialty courses
2_C071D	Computer Technology, Co-op/Work Experience
2_C072	Communication Technology
2_C072A	Communication Technology, 1st course
2_C072B	Communication Technology, 2nd (or later) courses
2_C072C	Communication Technology, Specialty courses
2_C072D	Communication Technology, Co-op/Work Experience
2_C073	Other Technologies
2_C073A	Other Technologies, 1st course
2_C073B	Other Technologies, 2nd (or later) courses
2_C073C	Other Technologies, Specialty courses
2_C073D	Other Technologies, Co-op/Work Experience

2_C08 Personal and Other Services
 2_C08A Personal and Other Services, 1st course
 2_C08B Personal and Other Services, 2nd (or later) courses
 2_C08C Personal and Other Services, Specialty courses
 2_C08D Personal and Other Services, Co-op/Work Experience

2_C09 Food Service and Hospitality
 2_C09A Food Service and Hospitality, 1st course
 2_C09B Food Service and Hospitality, 2nd (or later) courses
 2_C09C Food Service and Hospitality, Specialty courses
 2_C09D Food Service and Hospitality, Co-op/Work Experience

2_C10 Child Care and Education
 2_C10A Child Care and Education, 1st course
 2_C10B Child Care and Education, 2nd (or later) courses
 2_C10C Child Care and Education, Specialty courses
 2_C10D Child Care and Education, Co-op/Work Experience

2_C11 Specific Labor Market Preparation, Unidentified Subject

3 ENRICHMENT/OTHER CURRICULUM

3_1 GENERAL SKILLS Credits

 3_1A Enrichment

 3_1B Assistance

 3_1C Service

3_2 HEALTH, PHYSICAL & RECREATIONAL EDUCATION Credits

3_3 RELIGION AND THEOLOGY Credits

3_4 MILITARY SCIENCE Credits

4 SPECIAL EDUCATION CURRICULUM

Chapter 3

Revisions

Throughout the revision process, the role of the SST in monitoring trends in coursetaking created a dilemma. On the one hand, interest in understanding change is sometimes best served by maintaining strict comparability between studies—that is, using the same definitions, adopting similar frameworks, and following identical procedures. On the other hand, capturing good information on change may require creating new frameworks and instituting new features to reflect innovation and, therefore, may undermine strict comparisons with information collected earlier. The revisions that were made to the SST strike a delicate balance between these trade-offs. Appendix B presents how these changes affect course-taking patterns, using data from the 1990 First Follow-up of the National Education Longitudinal Study (NELS); readers will note some, but not drastic, change. This chapter presents the major revisions made to the Secondary School Taxonomy by curriculum area—Academic, Vocational, and Enrichment/Other—and then discusses changes that affect the taxonomy as a whole.

Academic Expansion

Primarily, the major changes made within the academic curriculum area of the SST involved moving English as a Second Language (ESL) coursework from the previous Foreign Language subject area (now termed Non-English Languages) to the English subject area; expanding a number of subcategories in the Social Studies, Science, and Mathematics subject areas; and making category changes to the Fine Arts and Non-English Languages subject areas. Figure 3.1 shows how the revised SST Academic curriculum is organized.

Figure 3.1—Overview of the Revised Academic Curriculum Area

Mathematics 1_1	Science 1_2	English 1_3	Social Studies 1_4	Fine Arts 1_5	Non-English Languages 1_6
11 General Mathematics A ESE/Functional B Basic C Regular D Other	21 Survey Science A Basic B Specialized Topics C Integrated/Unified	31 English Survey A Language Skills B Grades 7&8 C ESE/Functional D Basic E Regular F Advanced/Honors G AP/IB	41 American History A Basic B Regular C Advanced/Honors D Specialized Topics E AP/IB	51 Visual Arts A Basic B Regular/Advanced C AP/IB	61 Spanish A Year 1 B Year 2 C Year 3 D Year 4+ E AP/IB
12 Consumer Mathematics A ESE/Functional B Regular	22 Biological Science A Basic B Regular C Advanced/Honors D Specialized Topics E AP/IB	32 Literature	42 World History A Basic B Regular C Advanced/Honors D Specialized Topics E AP/IB	52 Music A Basic B Regular/Advanced C AP/IB	62 French A Year 1 B Year 2 C Year 3 D Year 4+ E AP/IB
13 Pre-Algebra	23 Chemistry A Basic B Regular C Advanced/Honors D Specialized Topics E AP/IB	33 Composition and Writing	43 Government and Politics A Basic B Regular C Advanced/Honors D Specialized Topics E AP/IB	53 Dance	63 German A Year 1 B Year 2 C Year 3 D Year 4+ E AP/IB
14 Algebra 1	24 Physics A Basic B Regular C Advanced/Honors D Specialized Topics E AP/IB	34 Speech	44 Economics A Basic B Regular C Advanced/Honors D Specialized Topics E AP/IB	54 Theater Arts	64 Latin A Year 1 B Year 2 C Year 3 D Year 4+ E AP/IB
15 Geometry	25 Earth Science A Basic B Regular C Advanced/Honors D Specialized Topics	35 English as a Second Language	45 Behavioral Sciences A Basic B Regular C Advanced/Honors D Specialized Topics E AP/IB		65 Italian A Year 1 B Year 2 C Year 3 D Year 4+ E AP/IB
16 Algebra 2 through Pre-calculus	26 Physical Science A Basic B Regular C Advanced/Honors D Specialized Topics		46 Geography A Basic B Regular C Advanced/Honors D Specialized Topics E AP/IB		66 Other A Year 1 B Year 2 C Year 3 D Year 4+ E AP/IB
17 Advanced Mathematics A Calculus B AP/IB C Other	27 Engineering		47 Social Sciences, Humanities, and Other A Basic B Regular C Advanced/Honors D Specialized Topics E AP/IB		67 General/Survey
18 Unified Mathematics					
19 Occupationally-Related Mathematics A ESE/Functional B Regular					

English

As mentioned in Chapter 1, original placement of English as a Second Language (ESL) coursework within the subject area of Foreign Languages was deemed no longer appropriate. As part of the revision process, ESL coursework was moved to the English subject area. A reasonable argument could be made for distributing ESL courses among the other English survey courses, as they are helping students learn the skills and techniques of the English language, including reading/literature, writing/composition, and speaking skills/vocabulary. However, for practical analytic work, ESL coursework is a category of interest in and of itself, and for that reason, ESL remains as a subcategory of its own within the English subject area.

The revised SST will now allow researchers to combine English survey courses either by grade or by level. English survey courses are those designed to teach the entire subject of language arts, providing instruction in reading and interpreting literature, writing technique (including grammar) and style, listening skills, and speaking skills. The original SST divided types of courses mainly by grade, using the categories of remedial, grades 7 and 8, grade 9, grade 10, grade 11, and grade 12, with an extra category for AP coursework. The revised SST creates more distinctions, separating CSSC codes based on level as well. In other words, the taxonomy separates courses using the categories of Exceptional/Special Education (ESE)/Functional, Basic, Regular, and Advanced/Honors, and then contains further distinctions by grade. This greater detail is available only for the four main grades of secondary school, and only for English survey coursework. Literature, composition and writing, speech, and English as a second language courses, although having their own categories within the English subject area, do not offer further specialization. In creating the more detailed subcategories, the coursework in the old Remedial English and Language/Writing skills categories were moved to grade- and level-specific subcategories where possible and appropriate. Some courses in each of these categories were not grade-specific; they were combined together, and the resulting subcategory renamed Language Skills.

Figure 3.2—Changes Made to the English Subject Area

Previous Version of SST	1998 Revised Version of SST
<p>I31 English Survey</p> <p>I31A Remedial English</p> <p>I31B Grade 7 & 8</p> <p>I31C Grade 9</p> <p>I31D Grade 10</p> <p>I31E Grade 11</p> <p>I31F Grade 12</p> <p>I31G Grade 12 AP English</p> <p>I31H Language/Writing Skills</p>	<p>1_31 English Survey</p> <p>1_31A Language Skills</p> <p>1_31B Grades 7 & 8</p> <p>1_31C ESE/Functional</p> <p>1_31C1 ESE/Functional, Grade 9</p> <p>1_31C2 ESE/Functional, Grade 10</p> <p>1_31C3 ESE/Functional, Grade 11</p> <p>1_31C4 ESE/Functional, Grade 12</p> <p>1_31D Basic</p> <p>1_31D1 Basic, Grade 9</p> <p>1_31D2 Basic, Grade 10</p> <p>1_31D3 Basic, Grade 11</p> <p>1_31D4 Basic, Grade 12</p> <p>1_31E Regular</p> <p>1_31E1 Regular, Grade 9</p> <p>1_31E2 Regular, Grade 10</p> <p>1_31E3 Regular, Grade 11</p> <p>1_31E4 Regular, Grade 12</p> <p>1_31F Advanced and Honors</p> <p>1_31F1 Adv. & Honors, Grade 9</p> <p>1_31F2 Adv. & Honors, Grade 10</p> <p>1_31F3 Adv. & Honors, Grade 11</p> <p>1_31F4 Adv. & Honors, Grade 12</p> <p>1_31G AP/IB</p> <p>1_32 Literature</p> <p>1_33 Composition and Writing</p> <p>1_34 Speech</p> <p>1_35 English as a Second Language</p>
I32 Literature	
I33 Composition and Writing	
I34 Speech	

Social Studies

Changes made to the Social Studies subject area, although large in scope, are quite simple. One series of revisions concerned adding more detail by dividing the courses within the Social Sciences, Humanities, and Other subcategory into more specific topical areas (for example, Economics, Behavioral Sciences, and Geography were created as additional subcategories). One of the benefits of breaking up this subcategory is that the prevalence of coursetaking in geography can now be seen, which is important because one of the national goals set in 1994 under the *Goals 2000: Educate America Act* explicitly concerns geographical knowledge. In addition, courses in the Social Sciences, Humanities, and Other subcategory concerning public

administration, public protection, education, and communication or mass media were moved into the appropriate vocational SLMP categories.² The other series of revisions within this subject area involved creating more categories that reflected the level of courses within a topical subcategory. Although the CSSC does not contain codes for all levels of courses within all of the subcategories, the professional work group felt that the structure of the SST should, for the most part, be parallel.

²These SLMP categories and the reasoning underlying the moves are discussed in a later section.

Figure 3.3—Changes Made to the Social Studies Subject Area

Previous Version of SST	1998 Revised Version of SST
<p>I41 American History</p> <p>I41A American History, Basic</p> <p>I41B American History, Regular</p> <p>I41C American History, Adv., Honors, AP</p> <p>I41D American History, Specialized Topics</p>	<p>1_41 American History</p> <p>1_41A American History, Basic</p> <p>1_41B American History, Regular</p> <p>1_41C American History, Adv. & Honors</p> <p>1_41D American History, Spec. Topics</p> <p>1_41E American History, AP/IB</p>
<p>I42 World History</p> <p>I42A World History, Regular</p> <p>I42B World History, Adv., Honors, AP</p> <p>I42C World History, Specialized Topics</p>	<p>1_42 World History</p> <p>1_42A World History, Basic</p> <p>1_42B World History, Regular</p> <p>1_42C World History, Adv. & Honors</p> <p>1_42D World History, Specialized Topics</p> <p>1_42E World History, AP/IB</p>
<p>I43 American Government and Politics</p> <p>I43A Amer Gov't and Politics, Basic</p> <p>I43B Amer Gov't and Politics, Regular</p> <p>I43C Amer Gov't and Politics, Adv., Honors, AP</p> <p>I43D Amer Gov't and Politics, Specialized Topics</p>	<p>1_43 Government and Politics</p> <p>1_43A Government and Politics, Basic</p> <p>1_43B Government and Politics, Regular</p> <p>1_43C Government and Politics, Adv. & Honors</p> <p>1_43D Government and Politics, Specialized Topics</p> <p>1_43E Government and Politics, AP/IB</p>
	<p>1_44 Economics</p> <p>1_44A Economics, Basic</p> <p>1_44B Economics, Regular</p> <p>1_44C Economics, Adv. & Honors</p> <p>1_44D Economics, Specialized Topics</p> <p>1_44E Economics, AP/IB</p>
	<p>1_45 Behavioral Sciences</p> <p>1_45A Behavioral Sciences, Basic</p> <p>1_45B Behavioral Sciences, Regular</p> <p>1_45C Behavioral Sciences, Adv. & Honors</p> <p>1_45D Behavioral Sciences, Spec. Topics</p> <p>1_45E Behavioral Sciences, AP/IB</p>
	<p>1_46 Geography</p> <p>1_46A Geography, Basic</p> <p>1_46B Geography, Regular</p> <p>1_46C Geography, Adv. & Honors</p> <p>1_46D Geography, Specialized Topics</p> <p>1_46E Geography, AP/IB</p>
<p>I44 Social Science, Humanities, and Other</p> <p>I44A Soc Sci, Hum, and Other, Basic</p> <p>I44B Soc Sci, Hum, and Other, Regular</p> <p>I44C Soc Sci, Hum, and Other, Adv., Honor, AP</p> <p>I44D Soc Sci, Hum, and Other, Specialized Topics</p>	<p>1_47 Social Science, Humanities, and Other</p> <p>1_47A Soc Sci, Hum, and Other, Basic</p> <p>1_47B Soc Sci, Hum, and Other, Regular</p> <p>1_47C Soc Sci, Hum, and Other, Adv. & Honors</p> <p>1_47D Soc Sci, Hum, and Other, Specialized Topics</p> <p>1_47E Soc Sci, Hum, and Other, AP/IB</p>

Science

The original arrangement of the topical subcategories within the Science subject area combined a number of foundation science courses traditionally offered to freshmen (such as physical or earth science) with other courses that provided more of an overview of several science topics. According to the research completed by one professional work group member, 75 percent of students take physical science, earth science, or the first year of unified science as their foundation science course.³ This combination was broken up and the topical subcategories of Earth Science and Physical Science were created. This change has the additional advantage of more closely aligning the science subcategories with the subscales of the National Assessment of Educational Progress (NAEP). Of the courses that remained within the Survey Science and Other subcategory, integrated science and unified science courses were placed within a new subcategory to better inform the growth of science courses created in response to the academic standards movement.⁴

The other major revision made to the Science subject area concerned engineering courses. The earlier version of the SST placed these courses within Physics, and certainly, as physics is a body of knowledge that concerns matter and energy and the interaction between the two, this placement is justified. However, as one advisor commented, "At some level, all science is physics. Physics is the study of the processes and phenomena of matter and energy; what else is there?" For the purposes of the taxonomy and the analytic work that would result from its use, members of the work group felt that moving engineering coursework out of the Physics subcategory into its own subcategory was wise.⁵ Although the possibility of placing engineering coursework within the vocational curriculum was raised, there was consensus to have it remain in the Science subject area within the academic curriculum. Although the number of course codes moved from Physics to Engineering is substantial, the proportion of students receiving credit in these courses is quite small (see appendix B). The few engineering courses that had been in the Survey Science subcategory were also moved to the new Engineering subcategory.

³See David Burkam and Valerie E. Lee's (1997) *Mathematics, Foreign Language, and Science Coursetaking and the NELS:88 Transcript Data*, U.S. Department of Education, Office of Educational Research and Improvement, NCES 97-480.

⁴Integrated Science is typically a three-year course developed in response to standards created by the American Association for the Advancement of Science.

⁵See appendix A for a listing of professional work group members.

Figure 3.4—Changes Made to the Science Subject Area

Previous Version of SST	1998 Revised Version of SST
<p>I21 Survey and Other Science</p> <p>I21A Survey Science, Basic</p> <p>I21B Survey Science, Specialized</p>	<p>1_21 Survey Science</p> <p>1_21A Survey Science, Basic</p> <p>1_21B Survey Science, Specialized Topics</p> <p>1_21C Survey Science, Integrated/ Unified Topics</p>
<p>I22 Biological Science</p> <p>I22A Biological Science, Basic</p> <p>I22B Biological Science, Regular</p> <p>I22C Biological Science, Adv., Honors, AP</p> <p>I22D Biological Science, Specialized</p>	<p>1_22 Biological Science</p> <p>1_22A Biological Science, Basic</p> <p>1_22B Biological Science, Regular</p> <p>1_22C Biological Science, Adv. & Honors</p> <p>1_22D Biological Science, Spec. Topics</p> <p>1_22E Biological Science, AP/IB</p>
<p>I23 Chemistry</p> <p>I23A Chemistry, Basic</p> <p>I23B Chemistry, Regular</p> <p>I23C Chemistry, Adv., Honors, AP</p> <p>I23D Chemistry, Specialized</p>	<p>1_23 Chemistry</p> <p>1_23A Chemistry, Basic</p> <p>1_23B Chemistry, Regular</p> <p>1_23C Chemistry, Adv. & Honors</p> <p>1_23D Chemistry, Specialized Topics</p> <p>1_23E Chemistry, AP/IB</p>
<p>I24 Physics</p> <p>I24A Physics, Basic</p> <p>I24B Physics, Regular</p> <p>I24C Physics, Adv., Honors, AP</p> <p>I24D Physics, Specialized</p>	<p>1_24 Physics</p> <p>1_24A Physics, Basic</p> <p>1_24B Physics, Regular</p> <p>1_24C Physics, Adv. & Honors</p> <p>1_24D Physics, Specialized Topics</p> <p>1_24E Physics, AP/IB</p>
	<p>1_25 Earth Science</p> <p>1_25A Earth Science, Basic</p> <p>1_25B Earth Science, Regular</p> <p>1_25C Earth Science, Adv. & Honors</p> <p>1_25D Earth Science, Specialized Topics</p>
	<p>1_26 Physical Science</p> <p>1_25A Earth Science, Basic</p> <p>1_25B Earth Science, Regular</p> <p>1_25C Earth Science, Adv. & Honors</p> <p>1_25D Earth Science, Specialized Topics</p>
	<p>1_27 Engineering</p>

Mathematics

Revisions made to the Mathematics subject area revolved around nomenclature (in order to more aptly describe the courses within each topical subcategory); coding (to make the mathematics coding consistent with the rest of the SST coding structure); the development of additional subcategories (to provide greater detail on topical subcategories); and the movement of computer coursework to the vocational curriculum. In the original SST, some types of computer coursework had been placed in IIC: Mathematics, Applied.⁶ This applied category was deleted (see the later section entitled “Changes Discussed but Not Made” for a review of the reasoning), necessitating placement of the computer courses within another subcategory.

The experts and advisors who were consulted believed that the original placement of these six computer science courses in the Mathematics subject area was due more to the fact that computer science was and is often taught by educators within mathematics departments than to issues of content. Although computer science courses taught at the postsecondary level include mathematical concepts, courses at the high school level are more typically focused on learning a programming language for simple tasks or problem solving using pre-written packages. The consensus of the work group led to including computer science coursework with the computer technology coursework already in the vocational SLMP category of Technology and Communications. The placement of computer coursework in that SLMP category has the further advantage of placing most computer coursework within one area, making it more readily available when conducting research on the New Basics curriculum.

Review of the other courses within the old Mathematics, Applied and Mathematics, Advanced subcategories prompted the creation of several new topical subcategories. Courses within the Applied subcategory were distributed among the General Mathematics, Consumer Mathematics; and Occupationally-Related Mathematics subcategories (in addition to the computer science course distribution discussed above). Unified Mathematics was created to hold the unified coursework, previously distributed among the Algebra 1, Geometry, and Advanced Mathematics—Algebra subcategories.

⁶In all, only 6 courses were moved from the Mathematics category to the SLMP subcategory of Technology and Communications: Computers, Introduction; Computer Mathematics 1; Computer Mathematics 2; Information Sciences and Systems, Other; Systems Analysis, Other; and Computer and Information Sciences, Other.

Figure 3.5—Changes Made to the Mathematics Subject Area

Previous Version of SST	1998 Revised Version of SST
<p>I1A Mathematics, Basic</p> <p>I1B Mathematics, General</p> <p>I1C Mathematics, Applied</p> <p>I1D Pre-Algebra</p> <p>I1E Algebra I</p> <p>I1F Geometry</p> <p>I1G Mathematics, Advanced—Algebra</p> <p>I1H Mathematics, Advanced—Calculus</p>	<p>1_11 General Mathematics</p> <p>1_11A General Mathematics, ESE/ Functional</p> <p>1_11B General Mathematics, Basic</p> <p>1_11C General Mathematics, Regular</p> <p>1_11D General Mathematics, Other</p> <p>1_12 Consumer Mathematics</p> <p>1_12 Consumer Mathematics, ESE/ Functional</p> <p>1_12 Consumer Mathematics, Regular</p> <p>1_13 Pre-Algebra</p> <p>1_14 Algebra I</p> <p>1_15 Geometry</p> <p>1_16 Algebra 2 through Pre-Calculus</p> <p>1_17 Advanced Mathematics</p> <p>1_17A Advanced Mathematics, Calculus</p> <p>1_17B Advanced Mathematics, AP/IB</p> <p>1_17C Advanced Mathematics, Other</p> <p>1_18 Unified Mathematics</p> <p>1_19 Occupationally-Related Mathematics</p> <p>1_19A Occupationally-Related Mathe- matics, ESE/Functional</p> <p>1_19B Occupationally-Related Mathe- matics, Regular</p>

Non-English Languages

The previous version of the SST based the primary divisions within this subject area on year (first year of a language course, second year of a language course, and so on). An alternative categorization based on language was also available. These two organizational methods were combined during the revision, creating categories within the subject area of Non-English Languages that are based on the language being taught, and then subcategories within each language, based on year. Using “year” as the subcategories is equivalent to the use of “level” within other subject areas, assuming that each successive year of language instruction becomes more advanced. One additional language (Italian) is used as a category. Although work group members discussed the possibility of including other languages as categories, the percentage of students receiving credit in all languages other than Spanish, French, German, Latin, and Italian totaled less than 1 percent. Therefore, only those five languages are specified in the revised taxonomy. (The remaining languages are included under “Other.”)

Figure 3.6—Changes Made to the Non-English Languages Subject Area

Previous Version of SST	1998 Revised Version of SST
<p>I6A Foreign Languages, Survey</p> <p>I6B Foreign Languages, Year 1</p> <p>I6C Foreign Languages, Year 2</p> <p>I6D Foreign Languages, Year 3</p> <p>I6E Foreign Languages, Year 4 and Higher</p> <p>or, alternatively,</p> <p>I6LA Spanish</p> <p>I6LB French</p> <p>I6LC German</p> <p>I6LD Latin</p> <p>I6LE Other Foreign Language</p> <p>I6LF English as a Second Language</p>	<p>1_61 Spanish</p> <p>1_61A Spanish, Year 1</p> <p>1_61B Spanish, Year 2</p> <p>1_61C Spanish, Year 3</p> <p>1_61D Spanish, Year 4 and Higher</p> <p>1_61E Spanish, AP/IB</p> <p>1_62 French</p> <p>1_62A French, Year 1</p> <p>1_62B French, Year 2</p> <p>1_62C French, Year 3</p> <p>1_62D French, Year 4 and Higher</p> <p>1_62E French, AP/IB</p> <p>1_63 German</p> <p>1_63A German, Year 1</p> <p>1_63B German, Year 2</p> <p>1_63C German, Year 3</p> <p>1_63D German, Year 4 and Higher</p> <p>1_63E German, AP/IB</p> <p>1_64 Latin</p> <p>1_64A Latin, Year 1</p> <p>1_64B Latin, Year 2</p> <p>1_64C Latin, Year 3</p> <p>1_64D Latin, Year 4 and Higher</p> <p>1_64E Latin, AP/IB</p> <p>1_65 Italian</p> <p>1_65A Italian, Year 1</p> <p>1_65B Italian, Year 2</p> <p>1_65C Italian, Year 3</p> <p>1_65D Italian, Year 4 and Higher</p> <p>1_65E Italian, AP/IB</p> <p>1_66 Other</p> <p>1_66A Other, Year 1</p> <p>1_66B Other, Year 2</p> <p>1_66C Other, Year 3</p> <p>1_66D Other, Year 4 and Higher</p> <p>1_66E Other, AP/IB</p> <p>1_67 General/Survey</p>

Fine Arts

Lastly, one separation was made within the Fine Arts category. In the original SST, drama and dance coursework were combined into one category; the revised SST makes the distinction between the two types of courses clear.

Vocational Expansion

The major changes made within the vocational curriculum area of the SST involved adding a Cooperative/Work Experience category in each SLMP category and disaggregating several SLMP categories. These revisions were made to retain finer detail regarding the types of coursework involved and, in some cases, to establish a better relationship to the clusters being developed by the National Skill Standards Boards. On the following pages, figure 3.7 illustrates the revised SST vocational curriculum and figure 3.8 compares the SLMP categories of the old and revised SST.

Cooperative/Work Experience Coursework

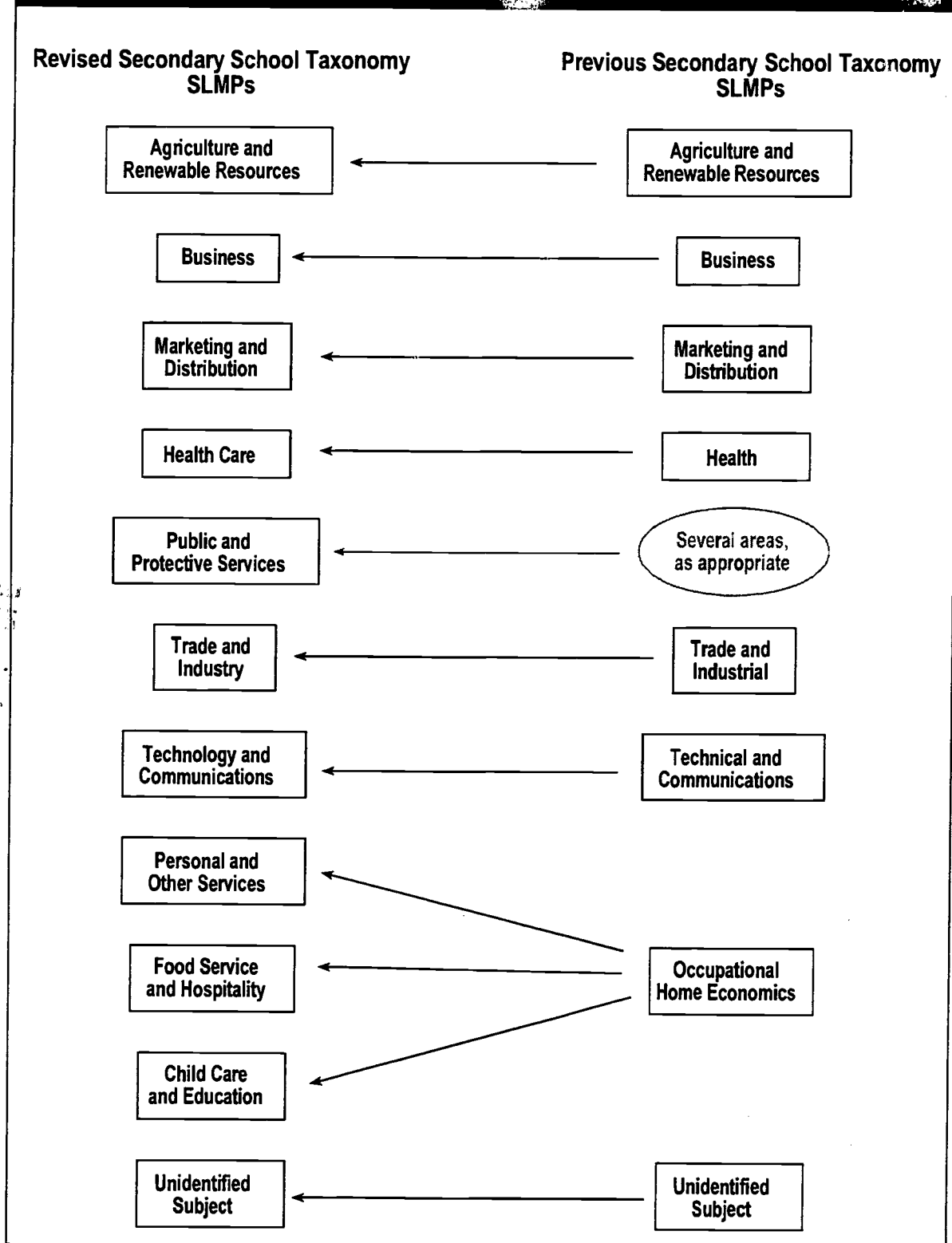
As a result of Tech-Prep programs and programmatic changes created in response to the School-to-Work Opportunities Act, more students are being offered the opportunity to gain competency in a work-based setting. High schools are offering students credit for internships and coordinated classroom learning through off-site experience, in addition to the more traditional cooperative education courses. The School-to-Work Opportunities Act specifically encourages work-based learning, and although the intent is to encourage all types of learning experiences outside of the traditional educational setting, most students have access to these experiences through the vocational curriculum. The desire to monitor and report the proportions of high school students earning credit in cooperative and work experience-type courses necessitated that in the SST they be separated from the other vocational coursework categories. Before the revision, cooperative coursework was placed in the appropriate "2nd (or later)" subcategory or within the GLMP, Work Experience/ Career Exploration subcategory). A Co-op/Work Experience level was added to all the SLMP subcategories to identify these courses exclusive of any other coursework.

Figure 3.7—Overview of the Revised Vocational Curriculum Area

Agriculture and Renewable Resources C01 1A 1st course 1B >=2nd course 1C Spec course 1D Co-op/Wk	Business C02 21 Business Mgmt 21A 1st course 21B >=2nd course 21C Spec course 21D Co-op/Wk 22 Business Services 22A 1st course 22B >=2nd course 22C Spec course 22D Co-op/Wk	Marketing and Distribution C03 3A 1st course 3B >=2nd course 3C Spec course 3D Co-op/Wk	Health Care C04 4A 1st course 4B >=2nd course 4C Spec course 4D Co-op/Wk	Public and Protective Services C05 5A 1st course 5B >=2nd course 5C Spec course 5D Co-op/Wk	Trade and Industry C06 61 Construction 61A 1st course 61B >=2nd course 61C Spec course 61D Co-op/Wk 62 Mechanics & Repair 62A 1st course 62B >=2nd course 62C Spec course 62D Co-op/Wk 63 Precision Production 631 DR/GRPR 632 MetalWld/Plas 633 Other 634 Co-op/Wk 64 Transportation & Materials Moving 64A 1st course 64B >=2nd course 64C Spec course 64D Co-op/Wk	Technology and Communications C07 71 Computer Tech 71A 1st course 71B >=2nd course 71C Spec course 71D Co-op/Wk 72 Communications Technology 72A 1st course 72B >=2nd course 72C Spec course 72D Co-op/Wk 73 Other Technologies 73A 1st course 73B >=2nd course 73C Spec course 73D Co-op/Wk	Personal and Other Services C08 8A 1st course 8B >=2nd course 8C Spec course 8D Co-op/Wk	Food Service and Hospitality C09 9A 1st course 9B >=2nd course 9C Spec course 9D Co-op/Wk	Child Care and Education C10 10A 1st course 10B >=2nd course 10C Spec course 10D Co-op/Wk
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Figure 3.8—SLMP Comparison



Detailing of Several SLMPs

Viewed from the perspective of resulting SST codes, Technology and Communications as a vocational subject area and Precision Production as a subcategory within Trade and Industry both masked important detail. Coursework within Technology and Communications (or, "Technical and Communication," as it was titled originally) ranged from computer programming courses to broadcast management and television production to robotics technology. Not only did the aggregation of all of these courses into one SLMP mask important distinctions, but it also made comparisons to international statistics difficult. During the revision process, this single SLMP category was divided into three subcategories: Computer Technology, Communications Technology, and Other Technologies in order to reflect the content of the courses contained within it.

Figure 3.9—Changes Made to the Technology and Communications Subject Area

Previous Version of SST	1998 Revised Version of SST
IIC7 Technical & Communications Credits	2_C07 Technology and Communications
IIC7A Technical & Communications, 1st course	2_C071 Computer Technology
IIC7B Technical & Communications, >=2 course	2_C071A Computer Technology, 1st crse
IIC7C Technical & Communications, Specialty course	2_C071B Computer Technology, >=2 crse
	2_C071BA Comp. Tech., >=2 course, non-AP/IB
	2_C071BB Computer Tech., >=2 course, AP/IB
	2_C071C Computer Technology, Specialty course
	2_C071D Computer Technology, Co-op/Work Experience
	2_C072 Communication Technology
	2_C072A Communications Technology, 1st course
	2_C072B Communications Technology, >=2 course
	2_C072C Communications Technology, Specialty course
	2_C072D Communications Technology, Co-op/Work Experience
	2_C073 Other Technologies
	2_C073A Other Technologies, 1st course
	2_C073B Other Technologies, >=2 crse
	2_C073C Other Technologies, Spec. crse
	2_C073D Other Technologies, Co-op/ Work Experience

The subcategory of Precision Production had the same problem of obscuring the variety of courses contained within it, although perhaps to a lesser degree. Although vocational educators may be aware that precision production includes printing and drafting as well as machining, metalwork, and other kinds of processing that produce goods and materials within low tolerances, policymakers may not know this, much less the general public. By disaggregating this subcategory during the revision process, comparisons may be made over time regarding students' movement toward or away from the printing and manufacturing industries.

Figure 3.10—Changes Made to the Precision Production Subcategory within Trade and Industry

Previous Version of SST	1998 Revised Version of SST
<p>IIC63 Precision Production Credits</p> <p>IIC63A Precision Production, 1st course</p> <p>IIC63B Precision Production, >=2 course</p> <p>IIC63C Precision Production, Specialty Course</p>	<p>2_C063 Precision Production</p> <p>2_C0631 Precision Production (Drafting/Graphics/Printing)</p> <p>2_C0631A Drafting/Graphics/Printing, 1st course</p> <p>2_C0631B Drafting/Graphics/Printing, >=2 course</p> <p>2_C0631C Drafting/Graphics/Printing, Specialty course</p> <p>2_C0632 Precision Production (Metals/Woods/Plastics)</p> <p>2_C0632A Metals/Woods/Plastics, 1st course</p> <p>2_C0632B Metals/Woods/Plastics, >=2 course</p> <p>2_C0632C Metals/Woods/Plastics, Specialty course</p> <p>2_C0633 Precision Production (Other)</p> <p>2_C0633A Precision Production (Other), 1st course</p> <p>2_C0633B Precision Production (Other), >=2 course</p> <p>2_C0633C Precision Production (Other), Specialty course</p> <p>2_C0634 Precision Production, Co-op/Work Exp.</p>

Changes to SLMPs

During the past five to seven years, there have been several developments that may have major implications for how best to conceive the overall organizing framework for SLMPs. In 1991, the America 2000 strategy called for "business and labor to adopt a strategy to establish job-related skill standards built around core proficiencies and to develop skill certificates to accompany these standards."¹ The National Skill Standards Act of 1994 established the National Skill Standards Board (NSSB) to "stimulate the development and adoption of a voluntary national system of skill standards and of assessment and certification of attainment of skill standards." To carry out its mandate, NSSB is contracting with a variety of industry and research groups for projects to refine and test the voluntary skill standards system. The projects build upon the work completed by 22 organizations funded in 1992 and 1993 by the U.S. Departments of Labor and Education.

To guide this development work, the NSSB has developed 15 industry clusters or sectors that will provide the basic framework for developing skill standards in the future. Together these 15 clusters account for virtually all paid employment in the American economy and reflect a desire to conceive of workforce preparation much more broadly than the relatively narrow, occupationally-specific framework that has characterized vocational education and employment training.

Responding to the NSSB initiative as well as to other stimuli for programmatic change, many states have also begun reorganizing vocational education and other workforce preparation offerings under different rubrics of broadly defined career majors or clusters. To date, about 38 states have adopted some new form of industry clusters or career majors. While these state efforts typically use some of the categories developed by NSSB, few states have adopted the NSSB categories without modification, and there is considerable variation among states in the specific approach taken.

A critical issue, therefore, is whether the SST should be modified to reflect these new directions. While these trends are likely to have major implications for program definition, course specification, and curriculum content over the next decade, there is as yet no clear, relatively uniform structure that has emerged that would justify changing the SST at this time.

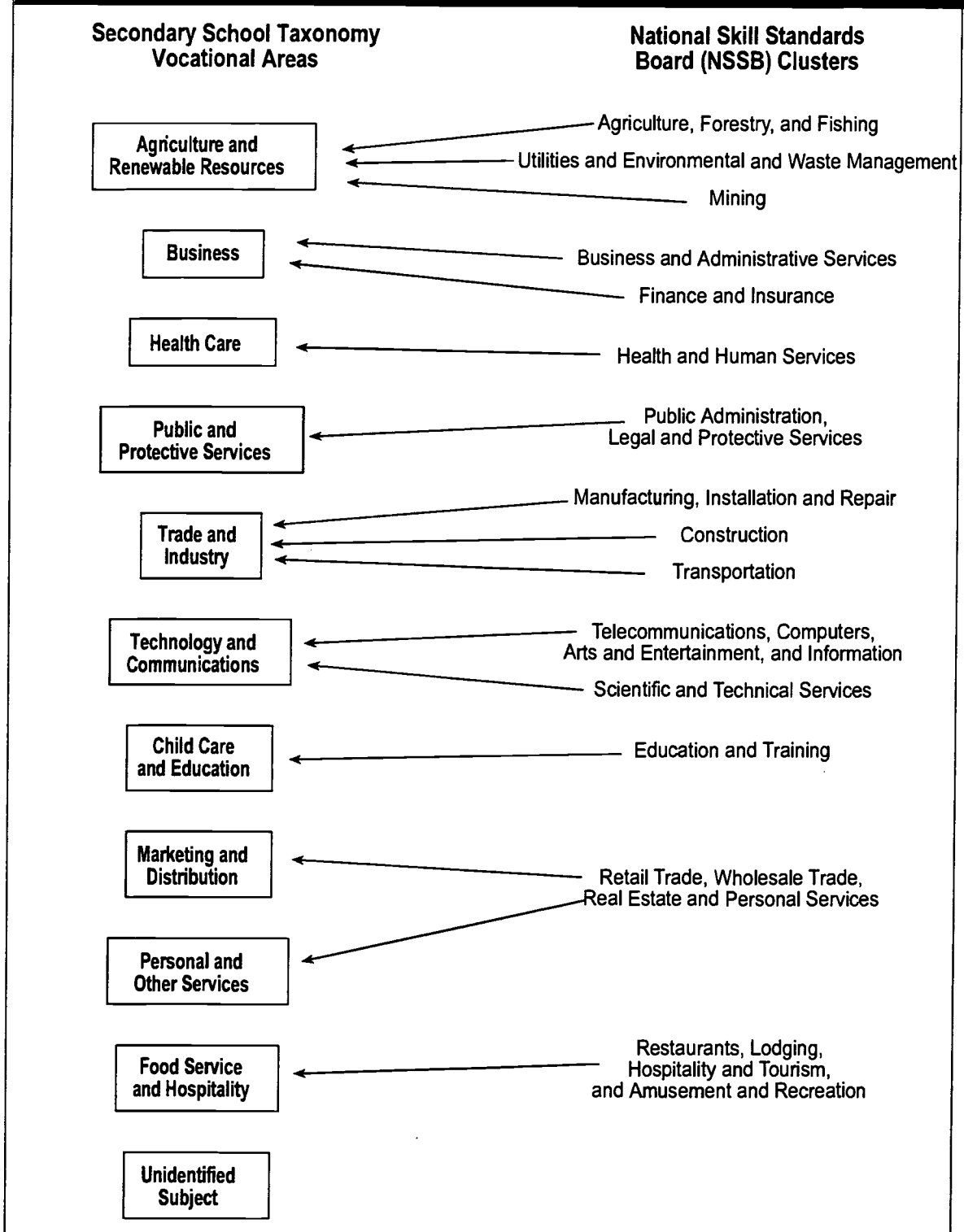
¹From the NSSB web page.

Consequently, it would be premature for the SST to adopt the NSSB taxonomy entirely. Some changes, however, appear to be appropriate, and the proposed SST contains new categories of Public and Protective Services (with a number of courses moved from the Social Studies, Humanities, and Other category), Personal and Other Services, Food Service and Hospitality, and Child Care and Education (including a number of courses moved from the Social Studies, Humanities, and Other category). These closely resemble some the NSSB clusters. Additionally, as displayed by Figure 3.11, it should not prove too difficult to “crosswalk” the revised SST to the NSSB framework.²

At this time, one additional change was made: the elimination of Occupational Home Economics as a discrete category and the assignment of these programs to existing occupational or industry clusters that more accurately reflect the purpose and content of these offerings. This category, which dates back at least to the late 1960s when it was used by the U.S. Office of Education to distinguish consumer and homemaking offerings from related programs that had paid employment as their primary objective (for example, a program training child care workers), is no longer used in most states. Rather, the course offerings have been organized under related industry occupational or industry clusters such as personal services, food services, or education. This practice communicates much more clearly the purpose and content of the particular program.

²A related aside: within the SPEEDE effort, there are working groups to attend to the electronic interchange of information, and these categories very much reflect the working groups that have been developed.

Figure 3.11—SST/NSSB Comparison



Addition of Technology Education

Technology Education, as a field, has grown in the 1990s with a subsequent increase in coursework offered in middle and secondary schools. Technology Education aims to expose all students to technology and to develop a foundation and an understanding about technology in contemporary society: how technology works, the basic principles supporting it, and its uses and effects. The courses are not vocationally or occupationally oriented, nor do they have the same educational objectives as industrial arts courses. Most of the curriculum stemming from this movement is directed toward students in middle schools and in the 9th and 10th grades. In the original SST, technology education courses did not have a separate designation; analysts have placed these courses in Introductory Industrial Arts. However, this placement miscasts the intent of these courses. The revision adds Technology Education as a category within General Labor Market Preparation, correcting this placement and also enabling the growth of secondary technology education coursework to be monitored through future studies.

Enrichment/Other Expansion

The third curriculum area of the SST contains Enrichment and Other courses: general skills courses typically taught as electives within secondary schools; health and physical education-related courses; religion and theology courses that are mainly found in private schools; and courses that provide an introduction to and exploration of military organization and training. Although the reviewers studied the descriptions of these courses to determine whether any should be moved to one of the other curriculum areas, all but 7 of the courses that were previously in this area remained there. The major change within this curriculum area involved the further separation of courses included in the General Skills subject area. This separation enables researchers to distinguish between courses providing Enrichment, such as a study dynamics or a mentorship class; courses providing Assistance, such as tutorial classes and dropout prevention programs; and Service courses, in which students are providing a service to either the school or the surrounding community. Although there was interest in separating physical education and health courses, this distinction could not be clearly drawn. Although sometimes offered as separate courses, health and physical education are often combined into one course in high school, and separating them would be difficult, if not impossible.

Special Education

The fourth curriculum area, Special Education, originally contained all course codes designating courses designed for students who had Individual Education Plans or participate in special education programs. However, it was felt that as the taxonomy is based on content, not methodology, special education courses should be placed in one of the other curriculum areas where possible, within the appropriate subject areas. During the revision process, eighteen courses were moved from this curriculum area into specific subject areas and subcategories as warranted. The courses remaining in Special Education are those courses whose content is unspecified (for example, Self-Contained EH and Resource).

Changes Throughout the Taxonomy

AP/IB Coursework

Advanced Placement (AP) coursework, as developed by the College Board and International Baccalaureate (IB) coursework, as developed by the International Baccalaureate Office, are courses with defined and specific objectives that prepare students for AP and IB exams. Students passing these exams at certain levels of performance are eligible for college credit or advanced standing in many colleges and universities. Because of the desire to monitor and report the proportions of high school students earning credit in these specific types of advanced courses, it was necessary that they be separated from the other advanced and honors coursework offered in most of the nation's secondary schools. An AP/IB level was added to all the appropriate subcategories to capture these courses exclusive of any other coursework.

Nomenclature

Several SST subject area, category, and subcategory names were changed to describe the coursework contained within them more appropriately. For example, *Non-English Languages* replaced *Foreign Language* as a subject area title. This replacement was the only change made to major subject area titles. *American Government and Politics* was changed to the more inclusive *Government and Politics*, given that the study of other political systems is also included within this category. *Visual Arts* replaced *Fine Arts and Crafts* within the Fine Arts subject area, to communicate that Dance and Theater Arts (the other two subcategories within the Fine Arts subject area) are also fine arts. In addition, *Drama* was changed to *Theater Arts* during the revision. The vocational area of *Consumer and Homemaking Education* was updated to *Family*

and Consumer Sciences Education. As SLMP categories within the vocational curriculum, *Health* became *Health Care* to more easily distinguish the coursework involving the health care profession from the health coursework that typically complements physical education, and *Technical and Communications* became *Technology and Communications*. Only two subcategory names were changed: *Business Services* replaced *Business Support* within the Business SLMP, and *Mechanics and Repair* replaced *Mechanics and Repairers* within the Trade and Industry SLMP. Lastly, *Enrichment/Other* is now the title of the curriculum previously called *Personal/Other*.

Movement of Individual Courses

The need for revision stemmed not only from the desire to make SST divisions more useful for policy research but also from the perception that some courses were misplaced in the original SST. Major changes have already been discussed, but some individual courses were also moved based on a study of their CSSC code course description. Table 3.1 presents courses that were moved not as a result of changes to the SST structure or categories, but as a result of individual study of their descriptions. Most (but not all) of the changes concerned vocational coursework. A number of vocational courses moved from the specialty course category to 1st course or 2nd (or later) course categories based on the addition of CSSC codes. In the original development of the SST, vocational courses that were not part of an obvious sequence were placed in the Specialty course category. Some of these courses now have an “advanced” course that students can move up to. In developing the Child Care and Education, Food Service and Hospitality, and Personal and Other Services SLMP categories, a number of courses were shifted within the vocational curriculum. Lastly, a number of vocationally applied academic courses were moved from the vocational areas to the appropriate academic areas. Table 3.1 lists the course codes, titles, and the subject areas they were moved to and from, and is organized by the subject areas in which the courses are presently placed. The following table is only a subset of the changes that have taken place; Appendix C presents all 674 changes that were made during the revision.

Table 3.1—Movement of Individual Codes During the Revision

CSSC code and course titles	Moved to:	Moved From:
Mathematics		
27.9900 Mathematics, Other	Gen. Math, Other	Adv Math (Pre-Calc)
27.0403 Algebra 1, Part 2	Algebra I	Pre-Algebra
27.0412 Analytic Geometry; Geometry, Advanced	Geometry	Adv Math (Pre-Calc)
1.0151 Agricultural Mathematics	Occ-Rel Math, Reg.	GLMP, Other
7.0171 Business Mathematics 1; Business Arithmetic; Career Computation 1	Occ-Rel Math, Reg.	GLMP, Other
7.0172 Business Mathematics 2; Business Arithmetic 2; Career Computation 2	Occ-Rel Math, Reg.	GLMP, Other
17.0651 Nurse's Mathematics	Occ-Rel Math, Reg.	GLMP, Other
Science		
30.0121 Science Investigations; Science Research Techniques; Science Study, Independent	Survey Science, Spec Topics	Survey Science, Basic
40.0900 Planetary Science, Other	Survey Science, Spec Topics	Physics, Spec Topics
30.0100 Biological and Physical Sciences, Other	Survey Science, Int/Unified Topics	Survey Science, Basic
40.0131 Chemistry and Physics Laboratory Techniques	Survey Science, Int/Unified Topics	Chemistry, Basic
26.0132 Biology, General 2	Biology, Adv/Hon	Biology, Regular
26.0622 Marine Biology 2; Marine Biology, Advanced	Biology, Spec Topics	Biology, Adv/Hon/AP
41.0211 Radioactivity	Chemistry, Spec Topics	Survey Science, Spec Topics

Table 3.1—Movement of Individual Codes During the Revision—continued

CSSC code and course titles	Moved to:	Moved From:
English		
23.0100 English, Other General	English Survey, Language Skills	Engl Survey, Grd 12
23.0156 Vocational English	English Survey, Language Skills	GLMP, Other
23.9900 Letters, Other	English Survey, Language Skills	Engl Survey, Grd 12
54.2201 Functional Oral Communication	English Survey, Language Skills	Speech
54.2209 Functional Oral Commu- nication, not for credit	English Survey, Language Skills	Speech
7.0411 Business English 1; Business Communications	Composition and Writing	GLMP, Other
7.0412 Business English 2	Composition and Writing	GLMP, Other
7.0413 Business English 3	Composition and Writing	Business Support, 1st crse
7.0414 Business English 4	Composition and Writing	Business Support, 1st crse
23.0900 Rhetoric, Other	Speech	Composition and Writing
Social Studies		
45.0609 American Labor History	American History, Spec. Topics	SS/Human/Other, Spec Topics
45.1033 Contemporary Issues, Basic Skills	Gov't & Politics, Basic	Amer. Hist., Basic
44.0300 International Public Service, Other	Gov't & Politics, Spec. Topics	SS/Human/Other, Spec Topics
45.0800 History, Other	SS/Humanities/Other, Reg.	Amer. Hist., Reg.

Table 3.1—Movement of Individual Codes During the Revision—continued

CSSC code and course titles	Moved to:	Moved From:
Fine Arts		
50.0213 Crafts 9; Creative Crafts 9	Visual Arts, Reg or Adv	Fine Arts & Crafts, Basic
50.0214 Crafts 10; Creative Crafts 10; Applied Art 10; Home Decorative Crafts 1	Visual Arts, Reg or Adv	Fine Arts & Crafts, Basic
50.0215 Crafts 11; Creative Crafts 11; Applied Art 11; Home Decorative Crafts 2	Visual Arts, Reg or Adv	Fine Arts & Crafts, Basic
50.0216 Crafts 12; Creative Crafts 12; Applied Art 12	Visual Arts, Reg or Adv	Fine Arts & Crafts, Basic
50.0703 Art, General; Studio In Art; Fine Arts Studio; Studio Art Laboratory; Arts and Crafts Studio; Survey Media	Visual Arts, Reg or Adv	Fine Arts & Crafts, Basic
50.0704 Art 1; Art 9	Visual Arts, Reg or Adv	Fine Arts & Crafts, Basic
50.0705 Art 2; Art 10	Visual Arts, Reg or Adv	Fine Arts & Crafts, Basic
50.0706 Art 3; Art 11	Visual Arts, Reg or Adv	Fine Arts & Crafts, Basic
50.0707 Art 4; Art 12	Visual Arts, Reg or Adv	Fine Arts & Crafts, Basic
Non-English Languages		
9.0811 Sign Language 1; Signing 1	Non-English Lang— Other, Year 1	Personal/Other, General
9.0821 Braille Communications	Non-English Lang— Other, Year 1	Personal/Other, General
9.0812 Sign Language 2; Signing 2	Non-English Lang— Other, Year 2	Personal/Other, General

Table 3.1—Movement of Individual Codes During the Revision—continued

CSSC code and course titles	Moved to:	Moved From:
General Labor Market		
55.5011 General Industrial Arts 1	GLMP, Industrial Arts	GLMP, Work Exp/ Career Expl
55.5021 General Industrial Arts 2	GLMP, Industrial Arts	GLMP, Work Exp/ Career Expl
55.5031 General Industrial Arts 3	GLMP, Industrial Arts	GLMP, Work Exp/ Career Expl
55.0001 General Prevocational Preparation	GLMP, Career Prep/ Work Exp	SLMP, Unidentified
55.0401 Combined Vocational/ Academic Preparation	GLMP, Other	GLMP, Work Exp/ Career Expl
55.0409 Combined Vocational/Academic Preparation, not for credit	GLMP, Other	GLMP, Work Exp/ Career Expl
SLMP, Agriculture and Renewable Resources		
18.2400 Veterinary Medicine, Other	Agr/Renew Rsrcs, Spec Crse	Health, Spec crse
55.1411 Agricultural Work Study	Agr/Renew Rsrcs, Coop/Work Exp	GLMP, Work Exp/ Career Expl
SLMP, Business		
6.0121 Business Law	Business Mgmt, Spec. Crse	Business Mgmt, 1st crse
6.0200 Accounting, Other	Business Mgmt, Spec. Crse	Business Support, Spec crse
6.0511 Business Economics	Business Mgmt, Spec. Crse	GLMP, Other
7.0162 Office Machines, Vocational	Business Services, 1st Crse	Business Support, 2nd crse
7.0241 Bank Data Entry Occupations	Business Services, 1st Crse	Business Support, Spec crse
7.0371 Peripheral Computer Operator	Business Services, 1st Crse	Business Support, Spec crse

Table 3.1—Movement of Individual Codes During the Revision—continued

CSSC code and course titles	Moved to:	Moved From:
SLMP, Health Care		
17.0521 Health Occupations 2; Health Occupations Training Medical Careers Work Experience	Health, Coop/Work Exp	Health, 2nd crse
17.0621 Nursing, Introduction; Nursing, Practical	Health, 1st Crse	Health, Spec crse
17.0631 Nurse Aide and Orderly; Nurse's Assistant; Patient Care Technician	Health, 1st Crse	Health, Spec crse
20.0461 Dietetic Aide	Health, Spec. Crse	Occ Home Econ, Spec crse
SLMP, Public and Protective Services		
43.0311 Security Guard	Public/Protective Srvcs, Spec Crse	Business Support, Spec crse
SLMP, Trade and Industry		
15.0431 Computer-Assisted Design/Drafting (CAD)	Prec Prod'n (Dr/Gr/Pr), 1st Crse	Prec Prod'n, Spec crse
48.0231 Sign Painting 1; Lettering	Prec Prod'n (Dr/Gr/Pr), 1st Crse	Prec Prod'n, Spec crse
48.0261 Copy Editing	Prec Prod'n (Dr/Gr/Pr), Spec Crse	Prec Prod'n, 2nd crse
SLMP, Technology and Communications		
11.0131 Computer Applications; Computer Sciences 1	Computer Tech., 1st Crse	Tech & Comm, Spec crse
11.0261 LOGO, Introduction	Computer Tech., 1st Crse	Tech & Comm, Spec crse
11.0271 RPG Programming, Introduction	Computer Tech., 1st Crse	Tech & Comm, Spec crse
11.0100 Computer and Information Sciences, Other General	Computer Tech., ≥2 Crse	Tech & Comm, Spec crse
11.0132 Computer Applications, Independent Study; Computer Sciences 2	Computer Tech., ≥2 Crse	Tech & Comm, Spec crse
11.0141 Computer Science, Advanced Placement; Computer Sciences 3	Computer Tech., ≥2 Crse	Tech & Comm, Spec crse
9.0441 Yearbook Production 1; Publications 1	Communications Tech., 1st Crse	Personal/Other, General

Table 3.1—Movement of Individual Codes During the Revision—continued

CSSC code and course titles		Moved to:	Moved From:
SLMP, Technology and Communications			
9.0442	Yearbook Production 2; Publications 2	Communications Tech., >=2 Crse	Personal/Other, General
9.0100	Communications, Other General	Communications Tech., Spec Crse	SS/Human/Other, Spec Topics
9.0111	Mass Media; Channels of Communications; Media Communications; Media and Persuasion; Media in Society; Media and Critical Thinking	Communications Tech., Spec Crse	SS/Human/Other, Spec Topics
9.0300	Communications Research, Other	Communications Tech., Spec Crse	SS/Human/Other, Spec Topics
9.0721	Radio and Television Appreciation; Television and Taste	Communications Tech., Spec Crse	SS/Human/Other, Spec Topics
9.9900	Communications, Other	Communications Tech., Spec Crse	SS/Human/Other, Spec Topics
SLMP, Personal Services			
55.4211	Clothing and Textiles 1	Personal Svcs, 1st Crse	Consumer & Home-making Ed, 1st Crse
55.4221	Clothing and Textiles 2	Personal Svcs, >=2 Crse	Consumer & Home-making Ed, >=2 Crse
20.0391	Clothing Production Management	Personal Svcs, Spec Crse	Business Mgmt, Spec crse
55.4511	Home Economics Work Experience 1	Personal Svcs, Coop/Work Exp	Consumer & Home-making Ed, >=2 Crse
55.4521	Home Economics Work Experience 2	Personal Svcs, Coop/Work Exp	Consumer & Home-making Ed, >=2 Crse
SLMP, Food Service and Hospitality			
8.0611	Food Marketing/Distribution—Overview	Food Service & Hosp, 1st Crse	Marketing/Dist, 1st crse
8.0911	Orientation to Hospitality Careers	Food Service & Hosp, 1st Crse	Marketing/Dist, 1st crse
8.0921	Hospitality Sales 1	Food Service & Hosp, 1st Crse	Marketing/Dist, 1st crse
8.0922	Hospitality Sales 2	Food Service & Hosp, >=2 Crse	Marketing/Dist, 2nd crse
6.0711	Hotel and Motel Management	Food Service & Hosp, Spec Crse	Business Mgmt, Spec crse

Table 3.1—Movement of Individual Codes During the Revision—continued

CSSC code and course titles	Moved to:	Moved From:
SLMP, Food Service and Hospitality		
6.0712 Hotel and Motel Training	Food Service & Hosp, Spec Crse	Business Mgmt, Spec crse
12.0200 Entertainment Services, Other	Food Service & Hosp, Spec Crse	Personal/Other, Health & PE
20.0481 Cafeteria Assistant; School Food Service	Food Service & Hosp, Coop/Work	Occ Home Econ, Spec crse
SLMP, Child Care and Education		
55.4111 Child Development 1	Child Care & Educ, 1st Crse	Consumer & Home- making Ed, 1st Crse
55.4121 Child Development 2	Child Care & Educ, >=2 Crse	Consumer & Home- making Ed, >=2 Crse
25.0100 Library and Archival Sciences, Other General	Child Care & Educ, Spec Crse	Business Support, Spec crse
25.0111 Library Science; Library Skills	Child Care & Educ, Spec Crse	Business Support, Spec crse
25.0200 Archival Science, Other	Child Care & Educ, Spec Crse	Business Support, Spec crse
25.0300 Library Assisting, Other	Child Care & Educ, Spec Crse	Business Support, Spec crse
25.0311 Library Assistant; Library Aide	Child Care & Educ, Spec Crse	Business Support, Spec crse
25.0400 Library Science, Other	Child Care & Educ, Spec Crse	Business Support, Spec crse
25.0500 Museology, Other	Child Care & Educ, Spec Crse	Business Support, Spec crse
25.9900 Library and Archival Sciences, Other	Child Care & Educ, Spec Crse	Business Support, Spec crse
Enrichment/Other		
24.0141 Gifted and Talented Program	Enrichment	SS/Human/Other, Spec Topics
54.2401 Functional Academics	Assistance	Engl Survey, Remedial Engl
54.2409 Functional Academics, not for credit	Assistance	Engl Survey, Remedial Engl
54.4501 Functional Social Skills	Assistance	SS/Human/Other, Basic
54.4509 Functional Social Skills, not for credit	Assistance	SS/Human/Other, Basic

Table 3.1—Movement of Individual Codes During the Revision—continued

CSSC code and course titles	Moved to:	Moved From:
Enrichment/Other		
56.3211 Resource Transitional Skills	Assistance	GLMP, Work Exp/ Career Expl
56.3219 Resource Transitional Skills, not for credit	Assistance	GLMP, Work Exp/ Career Expl
35.0131 Peer Counseling	Service	Personal/Other, Health & PE
30.0200 Clinical Pastoral Care, Other	Religion & Theology	SS/Human/Other, Spec Topics

Changes Discussed but Not Made

The professional work group wrestled extensively with the idea of levels and topical categories, as well as with the differences between a taxonomy based on content versus pedagogy. These issues apply throughout the taxonomy and throughout the revision process itself, but are possibly most evident within the Mathematics and Science subject areas. Essentially, the SST relies on course content to create distinctions between coursework; in other words, the content of a course determines whether it is placed in the academic or vocational curricula, into specific subject areas, and further into topical subcategories. Therefore, a subcategory such as “applied” created a true dilemma.

If a subcategory exists that purports to contain courses taught in an applied manner, by implication, courses outside of that category are “nonapplied.” However, as the movement to make academic courses more applied grows, increasingly courses are being taught using application of academic concepts to the workplace and to everyday situations and problems. For instance, algebra, physics, and biology can all be taught in an applied manner while covering the same exact content as a course taught in a more theoretical manner. The underlying research and policy question—whether there are differences among students who are taught using applied methodologies and those who are taught with a more conceptually based methodology—is important. However, the use of this taxonomy to answer that query is questionable. Describing a course (or a collection of courses) as “applied” becomes less and less helpful as more emphasis is placed on alternative methodologies and strategies.

The group talked at length about the possibility of adding extra flags on course codes to denote certain attributes of those courses. An “applied nature” was one such attribute; other opportunities included courses using service learning, courses that required work-based learning, bilingual education courses, and courses taught within a block schedule. Although the course itself would still be assigned an SST placement, the addition of flags would enable researchers to extract just those particular courses of interest and conduct analyses on them (or the students receiving credit in them). As an example of how this extra coding might be accomplished, the 1990 and 1994 High School Transcript Studies³ included a series of six flags attached to each CSSC course code, indicating 1) the position of the course in a sequence, 2) whether the course was taught in English, 3) whether the course was remedial, regular, or honors, 4) if the course was a combination course, 5) where the course was taught, and 6) whether the course was taught in a specialized setting for disabled students. In the Pilot SNCC system, flags are embedded as part of the course code.

The convened professionals recognized, however, the limitations of the information received from a course catalog. Although some course synopses provide descriptions of course content, fewer provide specific objectives and very rarely characterize the teaching methodology or pedagogy. Instructors teaching the “same class” within a single school may cover the same content in very different fashions. Additional enrichment opportunities available from connections to other classes, the workplace, or the community at large are not always discernible from simple course descriptions.

³Although separate, these studies were conducted in conjunction with the National Assessment of Educational Progress (NAEP).

Chapter 4

Revised SST (CSSC-filled)

Explanation of the Classification of Secondary School Courses (CSSC)

The Classification of Secondary School Courses (CSSC) was designed in 1982 for the High School and Beyond study using course catalogs from 52 secondary schools in 24 states. Over time, changes have been made to it in order to accommodate new courses that have appeared in transcript data collected since then. The structure of the CSSC emanates from the Classification of Instructional Programs (CIP), which outlines and briefly describes instructional programs at all education levels (elementary, secondary, and postsecondary). The CSSC is an organized list of approximately 2,180 secondary school course titles; codes are assigned to courses (as understood by course catalog descriptions) based on the CIP program description, main and alternate course titles, and a few keyword descriptors. Four of the six digits of a CSSC code stem from the CIP description, while the last two digits more closely identify the specific course.

Problems Encountered

“Duplicate” codes

Eighteen CSSC codes and corresponding titles could be placed in either of two revised SST categories, mostly due to the addition of the Co-op/Work Experience and AP/IB categories. The vast majority of vocational courses that included cooperative education, work experience, or work study in their titles were specifically co-op or work experience courses. These courses were moved during the revision from the SLMP 2nd (or later) subcategories to the appropriate Co-op/Work Experience subcategories. Ambiguity existed in the case of four course codes. Decisions concerning these courses were based on descriptors when they existed, and on main titles when the descriptors were absent. A Health Care course (17.0521: Health Occupations 2; Health Occupations Training; Medical Careers Work Experience) and a Graphic Arts course (48.0223: Graphic Arts 3; Printing Production, Cooperative) were moved, while two Agriculture and Renewable Resources courses (1.0662: Horticulture Mechanics II; Horticulture Mechanics—Cooperative Education and 2.0272: Small Animal Production II; Small Animal Production—Cooperative Education) were not.

All of the *current* CSSC codes that denote coursework that may include AP-level curriculum have been placed in the Advanced/Honors subcategories because the current codes are not AP-specific. In other words, courses in transcript databases that have already been coded with current codes may be either honors courses or AP courses. Therefore, researchers should remember when using the revised SST with old datasets that AP coursework will be undercounted. Westat is in the process of constructing new CSSC codes and course descriptions that will denote AP and IB coursework exclusively. Only these courses, clearly specified as AP or IB, will be placed in the revised SST AP/IB categories. In the CSSC-filled SST in this chapter, the AP courses that will be given new CSSC codes are marked with a double asterisk.

Codes not available

New CSSC course codes must be developed for the coding of future transcript data that make a clear distinction between AP coursework and other honors coursework (for example, Chemistry 2; Physics, Honors; and Honors Biology 2). Certainly, not all upper level advanced or honors coursework follows the College Board's guidelines for AP curricula or prepares students for the AP examinations. Any student (in theory) can take an AP exam, even without enrolling in an AP class; however, the classification should clearly set apart courses designed to reflect the College Board objectives from those that are not. In addition, more than one AP course exists within many subject areas (for example, Microeconomics and Macroeconomics). Although not a concern of the SST (since both AP courses would belong in the AP subcategory), the CSSC does need to reflect the additional development of these courses. IB courses also need to be reflected in the CSSC; there are 22 IB examinations, each with a suggested course curriculum.

SST with CSSC codes

The version of the SST that follows is complete with codes and titles from the CSSC. As mentioned, AP and IB courses that will be given new CSSC codes and descriptions have a double asterisk where their codes would normally be. Other course titles that need CSSC coding are followed by a 1 enclosed within parentheses. Lastly, several CSSC codes that are no longer used are included in the following SST, but are struck through. Although these codes have been retired, they may appear within old transcript data sets and therefore need a place within the taxonomy.

1: ACADEMIC CURRICULUM

1_1: Mathematics

1_11: General Mathematics

1_11A: General Mathematics, ESE/Functional

Mathematics EMH	52.0102
Mathematics EH	52.0204
Mathematics DEAF	52.0302
Functional Math Skills, not for credit	54.1009
Special Education Math	56.2700
Resource General Math	56.2701
Resource General Math, not for credit	56.2709

1_11B: General Mathematics, Basic

Competency Mathematics; Mathematics Lab; Mathematics, Basic; Mathematics, Essentials; Mathematics, Remedial; Arithmetic Review	27.0105
Basic Math 1	27.0601
Basic Math 2	27.0602
Basic Math 3	27.0603
Basic Math 4	27.0604

1_11C: General Mathematics, Regular

Mathematics, Other General	27.0100
Mathematics 7	27.0101
Mathematics 7, Accelerated	27.0102
Mathematics 8	27.0103
Mathematics 1, General; Mathematics 1, Applied; Computational Skills 1	27.0106
Mathematics 2, General; Mathematics 2, Applied; Computational Skills 2	27.0107
Mathematics Tutoring	27.0113
General Math Skills	54.1001

1_11D: General Mathematics, Other

Mathematics in the Arts; Mathematics as a Liberal Art; History of Mathematics	27.0109
Mathematics, Other	27.9900

1_12: Consumer Mathematics

1_12A: Consumer Mathematics, ESE/Functional

Functional Consumer Math	54.1101
Functional Consumer Math, not for credit	54.1109
Resource Consumer Math	56.2721
Resource Consumer Math, not for credit	56.2729

1_12B: Consumer Mathematics, Regular

Science Mathematics	27.0108
Consumer Mathematics; Mathematics Survival Skills	27.0114

1_13: Pre-Algebra

Mathematics 8, Accelerated	27.0104
Pre-Algebra; Algebra Skills; Algebra, Principles; Algebra, Introduction; Algebra, Basic; Algebra, Practical	27.0401
Algebra 1, Part 1	27.0402

1_14: Algebra 1

Algebra 1, Part 2	27.0403
Algebra 1; Algebra, Elementary	27.0404

1_15: Geometry	
Geometry, Plane	27.0406
Geometry, Solid	27.0407
Geometry	27.0408
Geometry, Informal; Geometry, Physical; Geometry, Intuitive; Geometry, Practical;	
Geometric Design; Geometry, Occupational	27.0409
Analytic Geometry; Geometry, Advanced	27.0412
Geometry, Part 1 (Geom 1 taught over 2 yrs; 1st year full credit)	27.0425
Geometry, Part 2 (Geom 1 taught over 2 yrs; 2nd year full credit)	27.0426
1_16: Algebra 2 through Pre-Calculus	
Algebra 2; Algebra, Intermediate	27.0405
Algebra 3; Algebra, Advanced; Mathematics, Advanced; Algebra, College;	
Algebraic Systems	27.0410
Trigonometry	27.0411
Trigonometry and Solid Geometry	27.0413
Algebra and Trigonometry	27.0414
Algebra and Analytic Geometry	27.0415
Pre-Calculus; Analysis, Introductory; Mathematical Analysis; Elementary	
Functions; Limits and Functions; Analysis, Elementary	27.0416
1_17: Advanced Mathematics	
1_17A: Advanced Mathematics, Calculus	
Calculus and Analytic Geometry	27.0418
Calculus	27.0419
Calculus, Advanced Placement; Mathematics, Advanced Placement; Mathematics,	
Honors	27.0420
1_17B: Advanced Mathematics, AP/IB	
AP Calculus AB	**
AP Calculus BC	**
AP Statistics	**
IB Mathematics; IB Mathematical Studies	**
1_17C: Advanced Mathematics, Other	
Mathematics Review; SAT Mathematics; Senior Math	27.0112
Actuarial Sciences, Other	27.0200
Pure Mathematics, Other	27.0400
Linear Algebra; Matrix Algebra; Algebra, Honors	27.0417
Mathematics, Independent Study; Mathematics Strategies; Mathematics Topics;	
Mathematics, Competitive; Mathematics, Enrichment; Mathematics Seminar	27.0424
Statistics, Other	27.0500
Statistics	27.0511
Probability	27.0521
Probability and Statistics	27.0531
1_18: Unified Mathematics	
Mathematics 1, Unified	27.0421
Mathematics 2, Unified	27.0422
Mathematics 3, Unified	27.0423
Unified Math 1, Part 1 (Unif Math taught over 2 yrs; 1st year full credit)	27.0427
Unified Math 1, Part 2 (Unif Math taught over 2 yrs; 2nd year full credit)	27.0428

1_19: Occupationally-Related Mathematics	
1_19A: Occupationally-Related Mathematics, ESE/Functional	
Functional Vocational Math	54.1201
Functional Vocational Math, not for credit	54.1209
Resource Vocational Math	56.2711
Resource Vocational Math, not for credit	56.2719
1_19B: Occupationally-Related Mathematics, Regular	
Agricultural Mathematics	1.0151
Business Mathematics 1; Business Arithmetic; Career Computation 1	7.0171
Business Mathematics 2; Business Arithmetic 2; Career Computation 2	7.0172
Nurse's Mathematics	17.0651
Mathematics, Vocational; Shop Mathematics; Mathematics for Trade and Industry;	
Mathematics for Employment	27.0110
Technical Mathematics	27.0111
Applied Mathematics, Other	27.0300
Mathematics for Employment; Work Experience Mathematics	32.0108
1_2: Science	
1_21: Survey Science	
1_21A: Survey Science, Basic	
Science, Basic; Science, General; Science Ideas; Science Workshop; Science,	
Applied; Physical and Life Science; Science, Unified	30.0111
Science EMH	52.0104
Science EH	52.0205
Science DEAF	52.0303
Functional Science	54.4001
Functional Science, not for credit	54.4009
Special Education General Science	56.4000
Resource General Science	56.4001
Resource General Science, not for credit	56.4009
1_21B: Survey Science, Specialized Topics	
College Pre-Science Skills	30.0112
Science Investigations; Science Research Techniques; Science Study, Independent	30.0121
Oceanography	40.0711
Planetary Science, Other	40.0900
1_21C: Survey Science, Integrated/Unified Topics	
Biological and Physical Sciences, Other	30.0100
Chemistry and Physics Laboratory Techniques	40.0131
Applied Biology/Chemistry (CORD)	(1)
Unified Science 1 (vert. integ., taught over 3 yrs)	(1)
Unified Science 2 (vert. integ., taught over 3 yrs)	(1)
Unified Science 3 (vert. integ., taught over 3 yrs)	(1)
1_22: Biological Science	
1_22A: Biological Science, Basic	
Life Science 7; Science 7	26.0111
Biology, Basic 1; Life Science; Biology, Essentials; Biology, Patterns; Natural	
Science; Biology, Functional	26.0121
Biology, Basic 2	26.0122

1_22B: Biological Science, Regular	
Biology, Other General	26.0100
Biology, General 1; Biology; Biology, Regents; Biology, Introductory	26.0131
1_22C: Biological Science, Adv. & Honors	
Biology, General 2	26.0132
Biology, Honors 1 (prev also Biology, College Preparatory)	26.0141
Biology, Advanced; College Biology; Advanced Placement Biology; Honors	26.0142
Physiology, Advanced	26.0752
1_22D: Biological Science, Specialized Topics	
Field Biology; Biology, Regional	26.0151
Genetics	26.0161
Biopsychology	26.0171
Biology Seminar; Biology, Independent Study	26.0181
Biochemistry and Biophysics, Other	26.0200
Biochemistry	26.0211
Botany, Other	26.0300
Botany; Plants and People; Trees and Shrubs, Local	26.0311
Cell and Molecular Biology, Other	26.0400
Cell Biology	26.0411
Microbiology, Other	26.0500
Microbiology; Bacteriology	26.0511
Miscellaneous Specialized Areas, Life Sciences, Other	26.0600
Ecology	26.0611
Marine Biology; Marine Studies; Biology, Aquatic	26.0621
Marine Biology 2; Marine Biology, Advanced	26.0622
Anatomy	26.0631
Zoology, Other	26.0700
Zoology	26.0711
Zoology, Vertebrate	26.0721
Zoology, Invertebrate	26.0731
Animal Behavior	26.0741
Anatomy and Physiology; Physiology, Human; Human Biology	26.0751
Pathology; Health Biology	26.0761
Comparative Embryology	26.0771
Life Sciences, Other	26.9900
1_22E: Biological Science, AP/IB	
AP Biology	**
IB Biology	**
1_23: Chemistry	
1_23A: Chemistry, Basic	
Chemistry Concepts; Chemistry, Fundamentals; Chemistry, Introductory;	
Chemistry, General; Chemistry, Interdisciplinary	40.0511
Consumer Chemistry; Chemistry, Applied	40.0551
1_23B: Chemistry, Regular	
Chemistry 1; Chemistry, College Preparatory; Chemistry, Regents; Chem Study	40.0521
1_23C: Chemistry, Adv. & Honors	
Chemistry 2; Chemistry, Advanced; Chemistry, Advanced Placement	40.0522

1_23D: Chemistry, Specialized Topics	
Chemistry, Other	40.0500
Organic Chemistry; Organic Biochemistry	40.0531
Physical Chemistry	40.0541
Chemistry, Independent Study	40.0561
Radioactivity	41.0211
1_23E: Chemistry, AP/IB	
AP Chemistry	**
IB Chemistry	**
1_24: Physics	
1_24A: Physics, Basic	
Physics Concepts; Physics, Applied; Physics, General	40.0811
1_24B: Physics, Regular	
Physics 1; Physics, College; Physics, Regents	40.0821
Principals of Technology (I and II)	(1)
1_24C: Physics, Adv. & Honors	
Physics 2; Physics, Advanced; Physics, Advanced Placement; Physics, Honors	40.0822
Physics 2 without Calculus	40.0831
1_24D: Physics, Specialized Topics	
Astronomy, Other	40.0200
Astronomy	40.0211
Astrophysics, Other	40.0300
Atmospheric Sciences and Meteorology, Other	40.0400
Meteorology	40.0411
Physics, Other	40.0800
Electricity and Electronics Science; Electronics Science	40.0841
Acoustics; Physics of Sound	40.0851
Rocketry and Space Science; Space Science	40.0911
1_24E: Physics, AP/IB	
AP Physics B	**
AP Physics C	**
IB Physics	**
1_25: Earth Science	
1_25A: Earth Science, Basic	
1_25B: Earth Science, Regular	
Earth Science; Earth Science 9; Earth Science, General	40.0611
Geology	40.0631
Mineralogy	40.0641
1_25C: Earth Science, Adv. & Honors	
Earth Science, College Preparatory	40.0621
1_25D: Earth Science, Specialized Topics	
Geological Sciences, Other	40.0600
Geology—Field Studies	40.0632
1_26: Physical Science	
1_26A: Physical Science, Basic	
Physical Science 8; Science 8	40.0111
Physical Science, Applied	40.0141

1_26B: Physical Science, Regular	
Physical Sciences, Other General	40.0100
Physical Science; Science 9; Chemistry and Physics	40.0121
Miscellaneous Physical Sciences, Other	40.0700
Physical Sciences, Other	40.9900
1_26C: Physical Science, Adv. & Honors	
1_26D: Physical Science, Specialized Topics	
1_27: Engineering	
Engineering, Other General	14.0100
Orientation to Engineering; Pre-Engineering	14.0111
Aerospace, Aeronautical, and Astronautical, Other	14.0200
Aerospace Materials	14.0211
Aerospace Engineering Design	14.0221
Agricultural Engineering, Other	14.0300
Architectural Engineering, Other	14.0400
Strength of Materials—Architectural	14.0411
Bioengineering and Biomedical Engineering, Other	14.0500
Ceramic Engineering, Other	14.0600
Chemical Engineering, Other	14.0700
Civil Engineering, Other	14.0800
Computer Engineering, Other	14.0900
Electrical, Electronics, and Communications, Other	14.1000
Engineering Mechanics, Other	14.1100
Engineering Physics, Other	14.1200
Instrumentation Physics 1	14.1211
Instrumentation Physics 2	14.1212
Instrumentation Physics 3	14.1213
Instrumentation Physics 4/Advanced Placement	14.1214
Engineering Science, Other	14.1300
Environmental Health Engineering, Other	14.1400
Geological Engineering, Other	14.1500
Geophysical Engineering, Other	14.1600
Industrial Engineering, Other	14.1700
Materials Engineering, Other	14.1800
Mechanical Engineering, Other	14.1900
Strength of Materials—Mechanical Technology	14.1911
Metallurgical Engineering, Other	14.2000
Metallurgy/Powder Metal Basics	14.2011
Mining and Mineral Engineering, Other	14.2100
Naval Architecture and Marine Engineering, Other	14.2200
Nuclear Engineering, Other	14.2300
Ocean Engineering, Other	14.2400
Petroleum Engineering, Other	14.2500
Surveying and Mapping Sciences, Other	14.2600
Cartography/Map Making	14.2611
Systems Engineering, Other	14.2700
Textile Engineering, Other	14.2800

Engineering, Other	14.9900
Engineering and Other Disciplines, Other	30.0300
Engineering Concepts	30.0311
Aerospace Science	40.1011
1_3: English	
1_31: English Survey	
1_31A: English Survey, Language Skills	
English, Other General	23.0100
Vocational English	23.0156
Vocabulary; Fun With Words; College Vocabulary Skill Building; Word Power	23.0404
Spelling	23.0405
Etymology; Wordsearch; Word Clues	23.0412
Word Study—Remedial	23.0415
Reading Development 1; Reading Improvement; Remedial Reading; Reading Skills;	
Chapter I Reading; Reading Fundamentals; Corrective Reading	23.1211
Reading Development 2	23.1212
Reading Development 3	23.1213
Reading Development 4	23.1214
Letters, Other	23.9900
Reading Development 1; Reading Improvement; Reading, Remedial	32.0109
Reading Development 2	32.0110
Speech, Developmental	32.0112
Language, Developmental	32.0113
Voice, Developmental	32.0114
Word Study, Remedial	32.0115
English, Personal; English, Functional; Career Communications; Minimum	
Standards Review	32.0118
English/Language Arts EMH	52.0103
English/Language Arts EH	52.0203
English/Language Arts DEAF	52.0301
Functional Vocational English	54.2051
Functional Vocational English, not for credit	54.2059
Functional Reading	54.2101
Functional Reading, not for credit	54.2109
Functional Oral Communication	54.2201
Functional Oral Communication, not for credit	54.2209
Special Education Language Arts	56.2300
Resource Language Arts/English, not for credit	56.2309
Special Education Reading	56.2310
Resource Reading	56.2311
Resource Reading, not taken for credit	56.2319
Special Education Writing	56.2320
Resource Writing	56.2321
Resource Writing, not for credit	56.2329

1_31B: English Survey, Grades 7 & 8	
English 7	23.0101
English 7, Above Grade Level; English 7, Honors	23.0102
English 8, Below Grade Level	23.0103
English 8; English 8, Average	23.0104
English 8, Above Grade Level; English 8, Honors	23.0105
Grammar 7; Language Structure 7	23.0406
Grammar 8; Language Structure 8	23.0407
1_31C: English Survey, ESE/Functional	
1_31C1: English Survey, ESE/Functional, Grade 9	
Functional English 1; Correlated Language Arts 1	23.1311
Functional Language Arts 1	54.2011
Functional Language Arts 1, not for credit	54.2019
Developmental English 1/Resource ESE AAP English 1	56.2301
1_31C2: English Survey, ESE/Functional, Grade 10	
Functional English 2; Correlated Language Arts 2	23.1312
Functional Language Arts 2	54.2021
Functional Language Arts 2, not for credit	54.2029
Developmental English 2/Resource ESE AAP English 2	56.2302
1_31C3: English Survey, ESE/Functional, Grade 11	
Functional English 3; Correlated Language Arts 3	23.1313
Functional Language Arts 3	54.2031
Functional Language Arts 3, not for credit	54.2039
Developmental English 3/Resource ESE AAP English 3	56.2303
1_31C4: English Survey, ESE/Functional, Grade 12	
Functional English 4; Correlated Language Arts 4; Minimum Standards Review; Personal and Career Communications	23.1314
Functional Language Arts 4	54.2041
Functional Language Arts 4, not for credit	54.2049
Developmental English 4/Resource ESE AAP English 4	56.2304
1_31D: English Survey, Basic	
1_31D1: English Survey, Basic, Grade 9	
English 1, Below Grade Level; English 9, Basic; Communication Skills, Non	23.0106
English Skills 1 for Visually Impaired	23.0161
1_31D2: English Survey, Basic, Grade 10	
English 2, Below Grade Level; English 10, Basic	23.0109
English Skills 2 for Visually Impaired	23.0162
1_31D3: English Survey, Basic, Grade 11	
English 3, Below Grade Level; English 11, Basic	23.0112
English Skills 3 for Visually Impaired	23.0163
1_31D4: English Survey, Basic, Grade 12	
English 4, Below Grade Level; English 12, Basic	23.0115
English Skills 4 for Visually Impaired	23.0164
1_31E: English Survey, Regular	
1_31E1: English Survey, Regular, Grade 9	
English 1; English 9, Average	23.0107
Grammar 9; Language Structure 9	23.0408

1_31E2: English Survey, Regular, Grade 10	
English 2; English 10, Average	23.0110
Grammar 10; Language Structure 10; Grammar Review 10, College Preparation	23.0409
1_31E3: English Survey, Regular, Grade 11	
English 3; English 11, Average	23.0113
Grammar 11; Language Structure 11; Grammar Review 11, College Preparation	23.0410
1_31E4: English Survey, Regular, Grade 12	
English 4; English 12, Average	23.0116
Grammar 12; Language Structure 12; Grammar Review 12, College Preparation; English SAT Preparation	23.0411
1_31F: English Survey, Advanced and Honors	
1_31F1: English Survey, Adv. & Honors, Grade 9	
English 1, Honors; English 9, Honors	23.0108
1_31F2: English Survey, Adv. & Honors, Grade 10	
English 2, Honors; English 10, Honors	23.0111
1_31F3: English Survey, Adv. & Honors, Grade 11	
English 3, Honors; English 11, Honors	23.0114
1_31F4: English Survey, Adv. & Honors, Grade 12	
English 4, Honors; English 12, Honors; English, Advanced Placement	23.0117
1_31G: English Survey, AP/IB	
AP English Language and Composition	**
AP English Literature and Composition	**
IB Language A (English)	**
1_32: Literature	
World Literature; Modern Classical Literature	23.0118
Renaissance Literature; Man In a New World	23.0119
Romanticism; Man and Nature	23.0120
Realism	23.0121
Literature, Contemporary; Contemporary Fiction; Twentieth Century Literature; Big Books of the 20th Century	23.0122
Irish Literature	23.0123
Russian Literature	23.0124
Bible as Literature; Literature of the Bible	23.0125
Mythology and Folklore; Mythology and Fable; Heroes, Gods and Monsters	23.0126
Drama, Introduction	23.0127
World Drama	23.0128
Plays, Modern Survey	23.0129
Novels	23.0130
Short Story; Short Fiction; Short Narrative	23.0131
Mysteries	23.0132
Poetry	23.0133
Rock Poetry	23.0134
Humor; American Humor; Let's Laugh	23.0135
Biography; Autobiography; Famous Personalities	23.0136
Non Fiction	23.0137
Science Fiction; Fiction and Fantasy; Literature of the Mysterious	23.0138
Themes in Literature; War and Peace; Modern Journalistic Literature	23.0139
Literature of Human Values	23.0140
Ethnic Literature; Minority Literature	23.0141

Woman In Literature	23.0142
Sports Through Literature	23.0143
Occult Literature; Supernatural Literature	23.0144
Protest Literature	23.0145
Youth and Literature; Adolescent Fiction; Books and the Teenage Reader	23.0146
Heroes	23.0147
Utopias	23.0148
Death	23.0149
Nobel Prize Authors	23.0150
Seminar on an Author	23.0151
English, Real Life Problem Solving	23.0152
Reading, Independent Study (prev incl. titles now under 23.1216)	23.0153
Research Technique; Writing and Research; Research Process; College Writing;	
Research Paper; Research and Writing the Term Paper	23.0154
Children's Literature & Fantasy	23.0155
Classics, Other	23.0200
Mythological Literature, Greek and Roman Classical Mythology	23.0211
Comparative Literature, Other	23.0300
Comparative Literature; Comparisons In Literature	23.0311
Latin American Authors/Literature	23.0321
Literature, American, Other	23.0700
American Literature; Selected American Authors; American Experience; Portrait of an American; American Writers	23.0711
Black Literature; Literature of Black America; Afro American Literature	23.0721
American Dream In Literature; American Heroes; American Philosophy In Literature; American Dilemma; American Cultural Patterns	23.0731
Folklore, American	23.0741
American Indian Literature; Indian Literature	23.0751
Regional Writers; State Writers	23.0761
Frontier Literature; Western Literature	23.0771
Mexican American Literature	23.0781
Literature, English, Other	23.0800
British Literature Survey; Major British Writers; British Literature, Conventions and Experiments; Background of Modern British Literature	23.0811
Shakespeare; Ages of Man; Political Intrigue and Murder	23.0821
Modern British Writers	23.0831
Victorian Literature	23.0841
Satire, Modern British	23.0851
Arthurian Legend; Once and Future King	23.0861
Medieval Literature	23.0871
Advanced Reading and Study Skills; Reading and Conference; Literature, Individualized; Best Sellers; Reading for Pleasure	23.1216
1_33: Composition and Writing	
Business English 1; Business Communications	7.0411
Business English 2	7.0412
Business English 3	7.0413
Business English 4	7.0414
Journalism (Mass Communications), Other	9.0400

Journalism 1; Newswriting 1; Newspaper Production 1; Writing for Publication	9.0411
Journalism 2; Newswriting 2; Newspaper Production 2; Journalism Lab	9.0412
Journalism 3; Newspaper Production 3	9.0413
Journalism Investigations	9.0421
Literary Magazine	9.0431
Composition, Other	23.0400
Composition, Expository; Expository Writing; Contemporary Composition; Writing Practice	23.0401
Writing Laboratory; Composition, Advanced; Writing Skills Workshop; Computer Assisted Writing Instruction	23.0402
Writing About Literature	23.0403
Creative Writing, Other	23.0500
Creative Writing 1; Creative Writing 10	23.0511
Creative Writing 2, Workshop; Creative Writing 11	23.0512
Creative Writing 12	23.0513
Creative Writing, Independent Study	23.0521
Linguistics (includes Phonetics, Semantics, and Philology), Other	23.0600
Linguistics; Language and Thought; Semantics and History of Language	23.0611
Technical and Business Writing, Other	23.1100
Technical English	23.1111
Functional Writing	54.2301
Functional Writing, not for credit	54.2309
1_34: Speech	
Rhetoric, Other	23.0900
Speech, Debate, and Forensics, Other	23.1000
Public Speaking; Forensics; Communications, Basic; Oral Composition; Oral Communications; Speech Arts	23.1011
Speech 1; Oral Interpretation; Speech, General; They Used to Call It Rhetoric	23.1021
Speech 2; Speech Tournament; Discussion and Debate; Debate and Argumentation	23.1022
Speech 3	23.1023
Debate Practicum Contract	23.1031
1_35: English as a Second Language	
English as a Second Language 1; TESOL, Beginning	16.0121
English as a Second Language 2; TESOL, Intermediate	16.0122
English as a Second Language 3; TESOL, Advanced	16.0123
English as a Second Language, Skills Lab	16.0124
Transitional English	16.0125

1_4: Social Studies**1_41: American History****1_41A: American History, Basic**

United States History, Remedial	33.0161
History and Geography 7	45.0801
Our Cultural Heritage 7	45.0802
United States History 8	45.0804
Social Studies 8	45.0805
American History, Basic; US History, Basic; American History, Remedial; US History, Remedial	45.0809

1_41B: American History, Regular

Social Studies 7, Honors	45.0803
Social Studies 8, Honors	45.0806
United States History, State and Local; State History and Government; State History	45.0807
American History; American History and World Background	45.0810
United States History 1; Age of Discovery; Founding of America	45.0811
United States History 2; Modern American History	45.0812

1_41C: American History, Adv. & Honors

United States History, State, Advanced Placement	45.0808
United States History, Honors	45.0813
United States History, Advanced Placement; American History, Advanced Placement; American History, College	45.0814

1_41D: American History, Specialized Topics

American Labor History	45.0609
Westward Movement	45.0815
Twentieth Century America; Twentieth Century America, Survey; American History, Contemporary	45.0816
Twenties and Thirties; Roaring 20's and Depressed 30'	45.0817
America Since 1945; America, Post War World; United States History, Recent	45.0818
Nineteen Sixties	45.0819
Nineteen Seventies	45.0820
Reform In American History	45.0821
American Inquiries	45.0822
Historic Events, United States	45.0823
American Wars, Causes and Effects; World Wars; American Wars and Diplomacy	45.0824
Civil War	45.0825
Civil War, Reconstruction and Industrialism	45.0826
War and Modern Consciousness	45.0827
World War II	45.0828
United States Military History 1	45.0829
United States Military History 2	45.0830
United States History, Field Study	45.0831
North American History	45.0832
Mexican History	45.0833
South American History	45.0834
Historical Research	45.0869

1_41E: American History, AP/IB

United States History A, AP	**
United States History B, AP	**

1_42: World History	
1_42A: World History, Basic	
1_42B: World History, Regular	
World History; Eye on the World; World History and Culture; History of World Civilization; World Geography and World Cultures; Survey of World Studies	45.0835
World History, Modern; Modern World Civilization	45.0837
World Civilization, Twentieth Century; Current World History	45.0838
Western Civilization 9; World Civilization 9	45.0840
Western Civilization, History; European History	45.0842
Early Western Civilization	45.0843
1_42C: World History, Adv. & Honors	
World History, College	45.0836
World Civilization, Twentieth Century, Honors	45.0839
Western Civilization 9, Honors; World Civilization 9, Honors	45.0841
Western Civilization, Advanced Placement; World History, Advanced	45.0844
English History, Honors	45.0850
French Revolution, Honors	45.0851
European History, Modern, Advanced Placement; Western Civilization, Modern	45.0856
1_42D: World History, Specialized Topics	
Ancient and Classical World	45.0845
Ancient Greek History	45.0846
Rome and Her Empire	45.0847
Ancient History and Middle Ages; Ancient World History; Development of Civilization; Early World History	45.0848
English History	45.0849
Modern Europe	45.0852
European History, Mid-Nineteenth Through Mid-Twentieth Centuries, Advanced Placement	45.0853
European History, Twentieth Century; Twentieth Century Europe	45.0854
European History, Advanced Readings	45.0855
Third World History	45.0857
African History	45.0858
Africa, Middle East and Latin America	45.0859
Latin American History	45.0860
Middle East History	45.0861
Israel, History	45.0862
Eastern Civilization	45.0863
Far East, History	45.0864
Asian History, Modern	45.0865
Pacific Lands, History	45.0866
Russian History	45.0867
World Leaders, Past and Present	45.0868
1_42E: World History, AP/IB	
European History, AP	**

1_43: Government and Politics**1_43A: Government and Politics, Basic**

Contemporary Issues, Basic Skills	32.0119
Civics; Community Civics	45.1001
Government, Basic; Government and Contemporary American Problems	45.1003
Contemporary World Affairs; Current Events; Current Affairs; Critical Issues; Media and Politics	45.1010
Contemporary American Political Issues; Contemporary American Problems; Contemporary American Issues; American Problems; Citizenship	45.1014
American Government and Economics, Basic	45.1016
Comparative Political Systems, Basic	45.1019
Contemporary Issues, Basic Skills	45.1033

1_43B: Government and Politics, Regular

State and Local Government	45.1002
United States Government; United States History and Government; American Government; Government; Practical Government; Federal Government; Political Studies; Government and Decision Making	45.1004
American Politics; Government and Politics; American Political Behavior; Political Issues; American Political Systems; National State and Local Elections; Youth and Local Politics	45.1008
American Government and Economics; Today's Problems; Problems of Democracy and Economics; American Institutions; Problems of Democracy	45.1017

1_43C: Government and Politics, Adv. & Honors

International Relations, Honors	45.0921
Elections, Politics and Morality, Honors	45.1009
Political Studies, Honors; American Heritage, Honors	45.1013
Contemporary American Political Issues, Honors; American Problems, Research	45.1015
American Government and Economics, Honors	45.1018
Americanism vs. Communism, Honors	45.1022
Civics, Honors; European Civics	45.1024

1_43D: Government and Politics, Specialized Topics

International Public Service, Other	44.0300
International Relations, Other	45.0900
International Relations; Foreign Policy Problems; Global Relations	45.0911
International Law	45.0931
Model Security Council, Local	45.0941
Model United Nations, Local	45.0951
Model United Nations, National	45.0952
Political Science and Government, Other	45.1000
Presidency; Presidential Roles; Constitution and Presidency	45.1005
Framework of the Constitution; Rights and Responsibilities; Constitutional History	45.1006
Individual vs. State; Liberty and the Law	45.1007
American Foreign Policy; United States as a World Power; American Government in World Affairs	45.1011
Decision Making In a Crisis; Ideas In Conflict	45.1012
Comparative World Governments; Comparative Political Systems	45.1020
Americanism vs. Communism	45.1021
Communism and Its Growth	45.1023

Government Internship	45.1026
Model Senate	45.1027
Political Leadership	45.1028
Political Science	45.1029
Political Science and Government; Local/Regional Government Field Study	45.1031
Political Science, Advanced Placement	45.1030
Political Turmoil	45.1032
Writings Influencing Government	45.1025
1_43E: Government and Politics, AP/IB	
AP American Government and Politics	**
AP Comparative Government and Politics	**
1_44: Economics	
1_44A: Economics, Basic	
Consumer Economics; Consumer and the Economy; Economics and the Consumer	45.0603
1_44B: Economics, Regular	
Economics, Other	45.0600
Economics 1; Economics, Theory; Economics, Basic	45.0601
Economics 2; Comparative Economics; American Economy; Free Enterprise; Economics and Economic Problems; Economics for Today and the Future; Economics Now	45.0602
1_44C: Economics, Adv. & Honors	
AP Economics	45.0613
Economics, Analysis and Criticism	45.0610
Economics, College	45.0611
1_44D: Economics, Specialized Topics	
Insurance Theory	45.0605
International Economics	45.0612
Investment Economics	45.0606
Television and Economics	45.0607
1_44E: Economics, AP/IB	
AP Macroeconomics	**
AP Microeconomics	**
1_45: Behavioral Sciences	
1_45A: Behavioral Sciences, Basic	
1_45B: Behavioral Sciences, Regular	
Psychology, Other General	42.0100
Psychology; Behavioral Sciences, Introduction; Human Behavior	42.0111
Abnormal Psychology	42.0113
Psychology of Learning	42.0311
Educational Psychology	42.0321
Child Psychology	42.0711
Adolescent Psychology; Adolescent Development	42.0721
Adjustment Psychology	42.0731
Social Psychology	42.1611
American Social Problems, Introduction; Social Problems; Social Issues; Community and Intergroup Relations	45.1111
Sociology, General	45.1121
Sociology, Issues	45.1131

1_45C: Behavioral Sciences, Adv. & Honors	
Psychology, Advanced	42.0112
AP Psychology	42.0114
Sociology, Honors	45.1171
Sociology, Research	45.1181
1_45D: Behavioral Sciences, Specialized Topics	
Clinical Psychology, Other	42.0200
Cognitive Psychology, Other	42.0300
Community Psychology, Other	42.0400
Comparative Psychology, Other	42.0500
Counseling Psychology, Other	42.0600
Developmental Psychology, Other	42.0700
Experimental Psychology, Other	42.0800
Industrial and Organizational Psychology, Other	42.0900
Personality Psychology, Other	42.1000
Historical Personalities and Ideas	42.1011
Humanistic Psychology	42.1021
Physiological Psychology, Other	42.1100
Psycholinguistics, Other	42.1200
Psychometrics, Other	42.1300
Psychopharmacology, Other	42.1400
Psychopharmacology	42.1411
Quantitative Psychology, Other	42.1500
Social Psychology, Other	42.1600
Psychology, Other	42.9900
Sociology, Other	45.1100
The Poor in America	45.1132
1_45E: Behavioral Sciences, AP/IB	
AP Psychology	**
1_46: Geography	
1_46A: Geography, Basic	
Geography 8	45.0701
1_46B: Geography, Regular	
Geography, United States	45.0702
Geography, North American	45.0703
World Geography; Cultural and Physical Geography	45.0704
Geography, Western Hemisphere and Africa	45.0705
Geography, Eastern Hemisphere	45.0706
Physical Geography	45.0707
Economic and Political Geography; Economic Geography	45.0708
Human and Cultural Geography; Man and His Environment	45.0709
1_46C: Geography, Adv. & Honors	
Field Geography, Honors	45.0710
1_46D: Geography, Specialized Topics	
Geography, Other	45.0700
1_46E: Geography, AP/IB	

1_47: Social Science, Humanities, and Other	
1_47A: Social Science, Humanities, and Other, Basic	
American Studies, Basic	5.0102
Social Studies EMH	52.0105
Social Studies EH	52.0206
Social Studies DEAF	52.0304
Special Education Social Studies	56.4500
Resource Social Studies	56.4501
Resource Social Studies, not for credit	56.4509
1_47B: Social Science, Humanities, and Other, Regular	
Area Studies	5.0101
American Studies, General; American Studies, Regents; American Studies, Academic; American History and American Character	5.0103
World Studies 1; World Cultures 1	5.0114
World Studies 2; World Cultures 2	5.0115
Liberal/General Studies, Other	24.0100
Liberal Studies	24.0111
Humanities; People and Their Culture	30.0411
Humanities of Western Civilization; Humanities, European	30.0421
Humanities, American	30.0431
Social Science, Introduction; Social Studies, Introduction; Social Studies Skills	45.0111
History, Other	45.0800
1_47C: Social Science, Humanities, and Other, Adv. & Honors	
American Studies, Honors	5.0105
World Studies, Honors; World Cultures, Honors	5.0116
European Culture Studies, Honors; Western European Culture Studies, Honors	5.0120
Asian and African Cultural Studies, Honors	5.0126
1_47D: Social Science, Humanities, and Other, Specialized Topics	
Area Studies, Other	5.0100
America's People and Problems; Factors that Made America Great; American Social Change; Contemporary America	5.0104
New England Studies	5.0106
Old South	5.0107
American West; American Frontiers; Wild West; How the West Was Won	5.0108
Southwest United States	5.0109
Anglo America	5.0110
North America and Current Events	5.0111
North and South America	5.0112
Latin America; Latin American Studies; Latin America and the Caribbean;	
Mesoamerica; South America	5.0113
Comparative World Cultures	5.0117
European Culture Studies, Basic; Western Europe on the Move	5.0118
European Culture Studies, General; Western European Culture Studies, Academic;	
Europe and Current Events; Western Man; European Culture Studies, Regents	5.0119
Developing Nations; Developing World; Emerging Nations	5.0121
African Area Studies; African Cultural Area	5.0122
Africa and South America	5.0123
Asian and African Cultural Studies, Basic	5.0124

Asian and African Cultural Studies, General; Asian and African Cultural Studies, Regents	5.0125
Asian Studies; East Asian Studies; Oriental Cultures; Chinese and Japanese Cultures; Orient, Land of Mystery	5.0127
History of China	5.0128
Asia, Africa and Mideast	5.0129
Africa and Middle East	5.0130
Middle Eastern Studies	5.0131
Middle East, War for Survival	5.0132
U S S R; Russian and Slavic Studies; Soviet Union; Making of Modern Russia; Soviet Area Studies	5.0133
Soviet Union and China	5.0134
Soviet Union and Afro American Developing Nations	5.0135
History of Russia	5.0136
Neglected World	5.0137
Global Education; Global Perspectives; Global Studies; Global Issues; World	5.0138
Pacific Rim Nations	5.0139
Canadian Area Studies	5.0140
Ethnic Studies, Other	5.0200
Minorities in America; Minority Groups in the United States; Minorities; Minorities in United States History; Multi Ethnic Cultures; United States Cultures; American Intercultural Heritage; Minority People	5.0211
Ethnic and Family Heritage	5.0221
Afro American Studies; Black Experience; Afro American Culture and History; Black Studies; Black History; American Black History	5.0231
Economics of Afro Americans	5.0241
Indians of North America; American Indians	5.0251
Jewish Historical Significance	5.0261
Mexican American Heritage; Mexican American Studies	5.0271
Hawaiiana	5.0281
Hawaiian Culture Studies, Modern	5.0291
Area and Ethnic Studies, Other	5.9900
Intercultural Communications	9.0121
Public Relations, Other	9.0500
Law, Other	22.0100
Criminal Law; Law Fundamentals; Legal Rights; Parliament and Court Procedures	22.0111
Everyday Law; Practical Law; Criminology and Justice; Civil Liberties and the Law; Law Enforcement and the Courts; Law and You; On Trial; Youth and the Law; Law and Juvenile Justice	22.0121
Street Law	22.0131
Humanities and Social Sciences, Other	30.0400
Humanities, African	30.0441
Humanities, Near East and Far East	30.0451
Peace Studies, Other	30.0500
Systems Science, Other	30.0600
Futuristics; Future Worlds; History of the Future; Science Technology and the Environmental Issues; Human Communities; People Technology and the Environment; Environmental Science	30.0611
	30.0621

Energy and Environment	30.0631
Women's Studies, Other	30.0700
Women's Studies; Women in American Society	30.0711
Women's Studies In Literature	30.0721
Multi/Interdisciplinary Studies, Other	30.9900
Philosophy, Other	38.0100
Philosophy; Systems of Philosophy; Philosophy Seminar	38.0111
Ethics	38.0121
Logic; English Language, Logic and Reason; Clear Thinking	38.0131
Epistemics	38.0141
Social Justice Issues; Peace and Social Justice	38.0151
Social Sciences, Other General	45.0100
Social Science, Advanced Theory and Research	45.0121
Social Science Seminar	45.0131
Social Studies, Independent Research; Social Studies, Independent Study; Social	
Studies, Independent Reading	45.0141
Anthropology, Other	45.0200
Anthropology	45.0211
Comparative Cultural Patterns; Cultural Pluralism; Multicultural Education	45.0221
Anthropology, Myth and Magic	45.0231
Cultural Anthropology, Research; Oral History Collection	45.0241
Archaeology, Other	45.0300
Archaeology	45.0311
Demography, Other	45.0500
Population Education; United States Census	45.0511
Energy Education	45.0608
Mobility in Society	45.1141
Violence In America	45.1151
Death and Dying	45.1161
Urban Studies, Other	45.1200
Urban Problems; Urban Social Problems; City In United States History; Urban	
Environment and Problems; Urban Survival; Urban Studies	45.1211
Urban Ecology	45.1221
Technology and Urbanization	45.1231
Social Sciences, Other	45.9900
1_47E: Social Science, Humanities, and Other, AP/IB	
IB Theory of Knowledge	**

1_5: Fine Arts**1_51: Visual Arts****1_51A: Visual Arts, Basic**

Crafts 7	50.0211
Crafts 8	50.0212
Ceramics 7	50.0261
Ceramics 8	50.0262
Fine Arts 7; Art 7	50.0701
Fine Arts 8; Art 8	50.0702

1_51B: Visual Arts, Regular and Advanced

Visual and Performing Arts, Other General	50.0100
Aesthetics; Art/Music/Drama/Dance Survey	50.0111
Crafts, Other	50.0200
Crafts 9; Creative Crafts 9	50.0213
Crafts 10; Creative Crafts 10; Applied Art 10; Home Decorative Crafts 1	50.0214
Crafts 11; Creative Crafts 11; Applied Art 11; Home Decorative Crafts 2	50.0215
Crafts 12; Creative Crafts 12; Applied Art 12	50.0216
Crafts 11, Advanced; Creative Crafts 11, Advanced; Design Crafts 11, Advanced	50.0221
Crafts 12, Advanced	50.0222
Decorator Crafts	50.0231
Enameling	50.0241
Jewelry 1; Art Metals	50.0251
Jewelry 2; Art Metals 2	50.0252
Jewelry 3; Art Metals 3	50.0253
Jewelry 4; Art Metals 4	50.0254
Ceramics 9	50.0263
Ceramics 10; Pottery 10	50.0264
Ceramics 11; Pottery 11	50.0265
Ceramics 12; Pottery 12	50.0266
Textile Design; Art Textiles, Fiber Design; Weaving and Dyeing	50.0271
Model Building	50.0281
Printmaking; Printer's Ink	50.0291
Printmaking 2	50.0292
Film Arts, Other	50.0600
Film Study; Film Criticism; Film Appreciation	50.0611
Language of the Cinema	50.0612
Photography 10	50.0621
Photography 11, Elementary; Visual Composition	50.0622
Photography 12, Elementary	50.0623
Photography 11, Advanced	50.0631
Photography 12, Advanced	50.0632
Fine Arts, Other	50.0700
Art, General; Studio In Art; Fine Arts Studio; Studio Art Laboratory; Arts and Crafts Studio; Survey Media	50.0703
Art 1; Art 9	50.0704
Art 2; Art 10	50.0705
Art 3; Art 11	50.0706
Art 4; Art 12	50.0707
Art 1, Independent Study	50.0708

Art 2, Independent Study; Senior Studio; Art, Advanced Placement	50.0709
Art Services 10; School Beautification 10	50.0711
Art Services 11; School Beautification 11	50.0712
Art Services 12; School Beautification 12	50.0713
Drawing; Drawing and Painting; Two Dimensional Design; Drawing and Color; Drawing Techniques	50.0714
Painting 1	50.0715
Painting 2	50.0716
Watercolor 1; Watercolor Painting; Watercolors and Airbrush	50.0717
Cartooning	50.0718
Mural Painting	50.0719
Sculpture; Three Dimensional Art; Three Dimensional Design; Wood and Stone Carving; Plastic Arts	50.0720
Silk Screen	50.0721
Assemblage	50.0722
Product Design; Design; Color and Design	50.0723
Life Drawing; Figure Drawing; Portraiture	50.0724
Calligraphy	50.0725
Art History and Appreciation; Arts and the Masters	50.0726
Black Fine Arts	50.0727
Mexico, Fine Arts	50.0728
Bicultural Art	50.0729
Artist In Residence Program	50.0730
Ethnic Art History	50.0731
Art As A Multicultural Study	50.0732
Visual and Performing Arts, Other	50.9900
1_51C: Visual Arts, AP/IB	
AP History of Art	**
AP Studio Art	**
1_52: Music	
1_52A: Music, Basic	
Music 7; Music, Introduction	50.0901
Music 8	50.0902
Band 7	50.0903
Band 8	50.0905
Orchestra 7	50.0912
Orchestra 8	50.0914
Chorus 7	50.0935
Chorus 8	50.0937
Music History 7	50.0953
Music History 8; Music Through the Ages	50.0954
Music Appreciation; Adventures in Listening	50.0963
1_52B: Music, Regular and Advanced	
Music, Other	50.0900
Band 7, Advanced	50.0904
Band 8, Advanced	50.0906
Band 9	50.0907
Band 9, Advanced	50.0908
Band, Concert	50.0909
Band, Marching	50.0910

Band, Symphonic; Senior Band Front	50.0911
Orchestra 7, Advanced	50.0913
Orchestra 8, Advanced	50.0915
Orchestra 9	50.0916
Orchestra 9, Advanced	50.0917
Orchestra 10	50.0918
Orchestra 11; Concert Orchestra	50.0919
Orchestra 12; Symphonic Orchestra	50.0920
Instrumental String Class	50.0921
Brass and Percussion Class	50.0922
Wind Ensemble; Brasswind	50.0923
Woodwind Class	50.0924
Electronic Music, Introduction	50.0925
Ensemble, Instrumental; Stage Band; Music on Stage; Jazz Ensemble	50.0926
Guitar, Beginning	50.0927
Guitar, Intermediate	50.0928
Guitar, Advanced	50.0929
Handbells	50.0930
Piano 1; Keyboard	50.0931
Piano 2	50.0932
Organ	50.0933
Music Lessons, Applied	50.0934
Chorus 7, Advanced	50.0936
Chorus 8, Advanced	50.0938
Chorus 9	50.0939
Chorus 9, Advanced	50.0940
Chorus 10	50.0941
Chorus 10, Advanced	50.0942
Chorus 11	50.0943
Chorus 11, Advanced	50.0944
Chorus 12	50.0945
Chorus 12, Advanced	50.0946
Vocal Ensemble; Madrigal Singers; Concert Chorale; Glee Club; Pop Rock	
Ensemble; Barbershop Octet; Chamber Singers; A Capella Choir	50.0947
Voice Class; Ear Training and Sight Singing	50.0948
Harmony and Composition; Composition, Musical	50.0949
Arranging; Orchestration	50.0950
Conducting	50.0951
Music Theory; Musicianship	50.0952
Music History 9; Contemporary Music 9; Pop Music History 9	50.0955
Music History 10; Contemporary Music 10; Pop Music History 10	50.0956
Music History 11; Contemporary Music 11; Pop Music History 11	50.0957
Music History 12; Contemporary Music 12; Pop Music History 12	50.0958
Music Literature 9; Traditional Music 9, Survey	50.0959
Music Literature 10; Traditional Music 10, Survey	50.0960
Music Literature 11; Traditional Music 11, Survey	50.0961
Music Literature 12; Traditional Music 12, Survey	50.0962
Folk Music, Ethnic	50.0964
Music Theater; American Musical Theater; Jazz and Stage Ensemble; Mixed	
Ensembles (Instrumental/Vocal); Theater Music Workshop	50.0965

Music, Independent Study; Symphony and Lecture Series; Music Reading and Conference	50.0966
Music Laboratory, General Survey	50.0967
1_52C: Music, AP/IB	
AP Music Theory	**
1_53: Dance	
Dance, Other	50.0300
Modern Dance for Beginners 9; Rhythm and Dance 9	50.0311
Modern Dance for Beginners 10; Creative Dance 10; Rhythm and Dance 10	50.0312
Modern Dance for Beginners 11; Creative Dance 11; Rhythm and Dance 11	50.0313
Modern Dance for Beginners 12; Creative Dance 12; Rhythm and Dance 12	50.0314
Modern Dance 9, Intermediate	50.0321
Modern Dance 10, Intermediate	50.0322
Modern Dance 11, Intermediate	50.0323
Modern Dance 12, Intermediate	50.0324
Dance 9, Advanced	50.0331
Dance 10, Advanced	50.0332
Dance 11, Advanced	50.0333
Dance 12, Advanced	50.0334
Performing Dance Group 9	50.0341
Performing Dance Group 10	50.0342
Performing Dance Group 11	50.0343
Performing Dance Group 12	50.0344
Ballet and Jazz for Beginners 9	50.0351
Ballet and Jazz for Beginners 10	50.0352
Ballet and Jazz for Beginners 11	50.0353
Ballet and Jazz for Beginners 12	50.0354
Ethnic Dance; Folk Dance	50.0361
Square Dance	50.0371
Aerobic Dance	50.0381
1_54: Theater Arts	
Theater Makeup	50.0421
Lighting Fundamentals, Theater	50.0431
Dramatic Arts, Other	50.0500
Stagecraft 9; Theater Arts 1; Acting Fundamentals 9	50.0511
Stagecraft 10; Acting Fundamentals 10; Stage Design and Stage Craft 10; Play Production 10; Dramatics 10	50.0512
Stagecraft 11; Acting Fundamentals 11; Dramatics 11; Theater Production 11; Play Production 11; Theatre Projects 11; Acting Workshop	50.0513
Stagecraft 12; Acting Fundamentals 12; Dramatics 12; Play Production 12; Theater Projects 12; Theater Workshop 12	50.0514
Improvisation and Mime	50.0521
Playwriting	50.0531
Theater Practicum Contract	50.0541
Drama, History	50.0551
Drama, Independent Study	50.0561

1_6: Non-English Languages	
1_61: Non-English Language—Spanish	
1_61A: Non-English Language—Spanish, Yr 1	
Spanish 7; Spanish for Survival	16.0931
Spanish 8	16.0932
Spanish 1; Spanish 9; Spanish, Beginning	16.0933
Spanish for Spanish Speakers; Spanish for Native Speakers	16.0940
Spanish for Travelers	16.0941
Spanish, Commercial; Spanish, Job Related	16.0942
Spanish for Native Speakers 1	16.1311
1_61B: Non-English Language—Spanish, Yr 2	
Spanish 2; Spanish 10	16.0934
Spanish for Native Speakers 2	16.1312
1_61C: Non-English Language—Spanish, Yr 3	
Spanish 3; Spanish 11; Spanish, Intermediate	16.0935
Spanish for Native Speakers 3	16.1313
1_61D: Non-English Language—Spanish, Yr 4+	
Spanish 4; Spanish 12	16.0936
Spanish, Advanced Placement; Spanish 5	16.0937
Spanish Field-based Experience; Spanish Seminar	16.0938
Foreign Language Contract, Spanish; Spanish, Independent Study	16.0939
Spanish for Native Speakers 5/Advanced Placement	16.1310
Spanish for Native Speakers 4	16.1314
Spanish for Native Speakers 5/Adv Placement	16.1315
1_61E: Non-English Language—Spanish, AP/IB	
AP Spanish Language	**
AP Spanish Literature	**
1_62: Non-English Language—French	
1_62A: Non-English Language—French, Yr 1	
French 7	16.0901
French 8	16.0902
French 1; French 9	16.0903
French for Native Speakers 1	16.1361
1_62B: Non-English Language—French, Yr 2	
French 2; French 10	16.0904
French for Native Speakers 2	16.1362
1_62C: Non-English Language—French, Yr 3	
French 3; French 11	16.0905
French for Native Speakers 3	16.1363
1_62D: Non-English Language—French, Yr 4+	
French 4; French 12	16.0906
French, Advanced Placement; French 5	16.0907
French Field-Based Experience; French Reading and Conference; French Seminar;	
French for Travelers	16.0908
Foreign Language Contract, French	16.0909
French, Conversational	16.0910
French for Native Speakers 4	16.1364
1_62E: Non-English Language—French, AP/IB	
AP French Language	**
AP French Literature	**

1_63: Non-English Language—German	
1_63A: Non-English Language—German, Yr 1	
German 7; German for Survival	16.0511
German 8	16.0512
German 1; German 9	16.0513
1_63B: Non-English Language—German, Yr 2	
German 2; German 10	16.0514
1_63C: Non-English Language—German, Yr 3	
German 3; German 11	16.0515
1_63D: Non-English Language—German, Yr 4+	
German 4; German 12	16.0516
German, Advanced Placement	16.0517
German Field-Based Experience; German, Reading and Conference	16.0518
Foreign Language Contract, German; German, Independent Study	16.0519
1_63E: Non-English Language—German, AP/IB	
AP German Language	**
1_64: Non-English Language—Latin	
1_64A: Non-English Language—Latin, Yr 1	
Latin 1; Latin 9; Latin Graffiti for Anybody	16.0920
1_64B: Non-English Language—Latin, Yr 2	
Latin 2; Latin 10	16.0921
1_64C: Non-English Language—Latin, Yr 3	
Latin 3; Latin 11	16.0922
1_64D: Non-English Language—Latin, Yr 4+	
Latin 4; Latin 12	16.0923
Latin, Advanced Placement; Latin 5	16.0924
Foreign Language Contract, Latin	16.0925
1_64E: Non-English Language—Latin, AP/IB	
AP Latin	**
1_65: Non-English Language—Italian	
1_65A: Non-English Language—Italian, Yr 1	
Italian 7	16.0911
Italian 8	16.0912
Italian 1; Italian 9	16.0913
Italian for Native Speakers 1	16.1331
1_65B: Non-English Language—Italian, Yr 2	
Italian 2; Italian 10	16.0914
Italian for Native Speakers 2	16.1332
1_65C: Non-English Language—Italian, Yr 3	
Italian 3; Italian 11	16.0915
Italian for Native Speakers 3	16.1333
1_65D: Non-English Language—Italian, Yr 4+	
Italian 4; Italian 12	16.0916
Italian, Advanced Placement; Italian 5	16.0917
Italian Field-Based Experience	16.0918
Foreign Language Contract, Italian	16.0919
1_65E: Non-English Language—Italian, AP/IB	

1_66: Non-English Language—Other**1_66A: Non-English Language—Other, Yr 1**

Sign Language 1; Signing 1	9.0811
Braille Communications	9.0821
African, Non-Semitic Languages, Other	16.0200
Swahili 1	16.0211
Amharic 1 (Ethiopian)	16.0221
Asiatic Languages, Other	16.0300
Cantonese 1	16.0311
Mandarin 1	16.0321
Japanese 1	16.0331
Hawaiian 1	16.0341
Hawaiian Language and Culture	16.0345
Korean 1	16.0351
Balto-Slavic Languages, Other	16.0400
Ukrainian 1	16.0411
Russian 1	16.0421
Czech 1	16.0431
Polish 1	16.0441
Finnish 1	16.0451
Germanic Languages, Other	16.0500
Dutch 1	16.0501
Norse 1; Norwegian 1	16.0521
Swedish 1	16.0531
Yiddish 1	16.0541
Greek, Other	16.0600
Modern Greek for Survival	16.0611
Modern Greek 1	16.0621
Classical Greek 1	16.0631
Indic Languages, Other	16.0700
Iranian Languages, Other	16.0800
Italic Languages, Other	16.0900
Portuguese 1	16.0926
Native American Languages, Other	16.1000
Semitic Languages, Other	16.1100
Hebrew 1	16.1111
Arabic 1	16.1115
Indo-European Languages, Other	16.1200
Turkish 1	16.1211
Non-English Languages for Native Speakers, Other	16.1300
Portuguese for Native Speakers 1	16.1321
Japanese for Native Speakers 1	16.1341
Chinese for Native Speakers 1	16.1351
Foreign Languages, Other	16.9900

1_66B: Non-English Language—Other, Yr 2

Sign Language 2; Signing 2	9.0812
Swahili 2	16.0212
Amharic 2 (Ethiopian)	16.0222
Cantonese 2	16.0312

Mandarin 2	16.0322
Japanese 2	16.0332
Hawaiian 2	16.0342
Korean 2	16.0352
Russian 2	16.0422
Czech 2	16.0432
Polish 2	16.0442
Finnish 2	16.0452
Dutch 2	16.0502
Norse 2; Norwegian 2	16.0522
Swedish 2	16.0532
Yiddish 2	16.0542
Modern Greek 2	16.0622
Classical Greek 2	16.0632
Portuguese 2	16.0927
Hebrew 2	16.1112
Arabic 2	16.1116
Turkish 2	16.1212
Portuguese for Native Speakers 2	16.1322
Japanese for Native Speakers 2	16.1342
Chinese for Native Speakers 2	16.1352
1_66C: Non-English Language—Other, Yr 3	
Cantonese 3	16.0313
Mandarin 3	16.0323
Japanese 3	16.0333
Hawaiian 3	16.0343
Korean 3	16.0353
Russian 3	16.0423
Czech 3	16.0433
Polish 3	16.0443
Finnish 3	16.0453
Dutch 3	16.0503
Swedish 3	16.0533
Yiddish 3	16.0543
Modern Greek 3	16.0623
Classical Greek 3	16.0633
Portuguese 3	16.0928
Hebrew 3	16.1113
Arabic 3	16.1117
Portuguese for Native Speakers 3	16.1323
Japanese for Native Speakers 3	16.1343
Chinese for Native Speakers 3	16.1353
1_66D: Non-English Language—Other, Yr 4+	
Cantonese 4	16.0314
Mandarin 4	16.0324
Mandarin 5	16.0325
Japanese 4	16.0334
Japanese 5	16.0335
Foreign Language Contract, Japanese; Japanese, Independent Study	16.0336

Hawaiian 4	16.0344
Korean 4	16.0354
Korean 5	16.0355
Russian 4	16.0424
Russian 5	16.0425
Russian 6	16.0426
Foreign Language Contract, Russian; Russian Independent Study	16.0427
Polish 4	16.0444
Finnish 4	16.0454
Modern Greek 4	16.0624
Classical Greek 4	16.0634
Portuguese 4	16.0929
Portuguese 5	16.0930
Hebrew 4	16.1114
Arabic 4	16.1118
Foreign Language Contract—Arabic Independent Study	16.1119
Portuguese for Native Speakers 4	16.1324
1_66E: Non-English Language—Other, AP/IB	
1_67: Non-English Language, General/Survey	
Foreign Languages, Multiple Emphasis, Other	16.0100
Foreign Language, Exploratory	16.0111
2: VOCATIONAL EDUCATION CURRICULUM	
2_A: Family and Consumer Sciences Education	
2_AA: Family and Consumer Sciences Education, 1st Crse	
Home Economics 7; Comprehensive Consumer and Homemaking 7; Homemaking 7	20.0111
Home Economics 8; Comprehensive Consumer and Homemaking 8; Homemaking 8	20.0112
Home Economics 1; Comprehensive Consumer and Homemaking 1; Homemaking 1; Homemaking, General; Home Arts	20.0113
Child Development 8	20.0121
Child Development 1	20.0122
Clothing 7	20.0131
Clothing 8	20.0132
Clothing 1; Sewing, Introduction; Sewing 1; Textiles and Clothing 1; Clothing Construction	20.0133
Consumer Education 1; Economic Survival; Economics, Personal; Comparison Buying and Budgeting; Money Management, Personal; You and Your Money	20.0141
Family Health 1; Family Nursing	20.0161
Foods and Nutrition 7	20.0181
Foods and Nutrition 8	20.0182
Foods 1; Nutrition and Food Management 1; Kitchen Survival; Meal Management; Family Meals; Foods Preparation, Basic	20.0183
Home Management 1	20.0191
General Home Economics 1	55.4011
General Home Economics 1, not for credit	55.4019
Food and Nutrition 1	55.4311
Food and Nutrition 1, not for credit	55.4319

2_AB: Family and Consumer Sciences Education, >=2nd Crse

Home Economics 2; Comprehensive Consumer and Homemaking Home Economics 2; Homemaking 2	20.0114
Home Economics 3; Comprehensive Consumer and Homemaking Home Economics 3; Homemaking 3	20.0115
Home Economics 4; Comprehensive Consumer and Homemaking Home Economics 4; Homemaking 4	20.0116
Child Development 2	20.0123
Child Development 3	20.0124
Child Development 4	20.0125
Clothing 2; Sewing, Intermediate; Sewing 2; Textiles and Clothing 2; Clothing Construction, Intermediate	20.0134
Clothing 3; Sewing 3; Textiles and Clothing 3	20.0135
Clothing 4; Sports Wear; Alterations	20.0136
Tailoring	20.0137
Consumer Education 2	20.0142
Family Health 2; Family Nursing, Advanced	20.0162
Foods 2; Nutrition and Food Management 2; Cooking for Compliments; Foods Preparation, Intermediate	20.0184
Foods 3; Gourmet Foods; Foods, Experimental; Foods Preparation, Advanced	20.0185
Foods 4	20.0186
International Foods; Foreign Foods	20.0187
Home Management 2	20.0192
General Home Economics 2	55.4021
General Home Economics 2, not for credit	55.4029
General Home Economics 3	55.4031
General Home Economics 3, not for credit	55.4039
Food and Nutrition 2	55.4321
Food and Nutrition 2, not for credit	55.4329

2_AC: Family and Consumer Sciences Education, Spec. Crse

Home Economics, Other General	19.0100
Business Home Economics, Other	19.0200
Family and Community Services, Other	19.0300
Family/Consumer Resource Management, Other	19.0400
Food Sciences and Human Nutrition, Other	19.0500
Human Environment and Housing, Other	19.0600
Individual and Family Development, Other	19.0700
International/Comparative Home Economics, Other	19.0800
Textiles and Clothing, Other	19.0900
Home Economics, Other	19.9900
Consumer and Homemaking Home Economics, Other	20.0100
Adult Roles and Functions; Independent Living; Survival Skills; Singles Survival	20.0117
Comprehensive Consumer and Homemaking Home Economics, Independent Study	20.0118
Home Economics Laboratory Assistant	20.0153
Home Economics Leadership	20.0154
Family Relations; Family Sociology; Family Living	20.0171
Marriage Society and Change; Lifestyles	20.0172
Parenthood; Parent Education; Parenting	20.0173
Nutrition; Fitness Foods	20.0188

2_B: General Labor Market Preparation (GLMP)	
2_B1: GLMP, Basic Keyboarding/Typewriting	
Typewriting 1; Typewriting, Beginning; Typewriting, Business	7.0711
Typewriting, Personal; Word Processing, Personal	7.0721
2_B2: GLMP, Industrial Arts	
Industrial Arts, Other	21.0100
Industrial Arts 7	21.0101
Industrial Arts 8	21.0102
Industrial Arts 1; Shop 1, Exploratory; Shop, General; Industrial Materials 1;	
Industrial Arts Orientation; Industrial Crafts 1	21.0103
Industrial Arts 2; Shop 2, Exploratory; Industrial Materials 2; Industrial Crafts 2	21.0104
Industrial Arts 3	21.0105
Industrial Arts 4	21.0106
Industrial Production; Manufacturing and Production	21.0108
Industrial Occupations 1; Industrial Cooperative Training; World of Construction	21.0109
Electricity and Electronics, Introduction	21.0119
General Industrial Arts 1	55.5011
General Industrial Arts 1, not for credit	55.5019
General Industrial Arts 2	55.5021
General Industrial Arts 2, not for credit	55.5029
General Industrial Arts 3	55.5031
General Industrial Arts 3, not for credit	55.5039
2_B3: GLMP, Career Preparation/General Work Experience	
Junior Achievement; Student-Operated Company	8.0321
Career Preparation; So You Want A Job; Business Opportunities; Job Entry	
Training; College and Career Planning; Guidance	32.0102
Career Exploration; Vocations, Introduction; Career Development; Work	
Observational Experience; Career Education; Occupational Exploratory Program	32.0103
Work Experience; Job Entry	32.0104
Work Experience, Advanced; Job Training	32.0105
Executive High School Internship 1	51.0101
Executive High School Internship Program 2	51.0102
International Careers Internship	51.0103
Work Program (OJT off campus) EMH	52.0110
Physically Handicapped Work Program	52.0902
General Prevocational Preparation	55.0001
General Prevocational Preparation, not for credit	55.0009
Career Exploration	55.0101
Career Exploration, not for credit	55.0109
General Work-Study/Experience	55.0201
General Work-Study/Experience, not for credit	55.0209
General Work Experience	55.0301
General Work Experience, not for credit	55.0309
Resource Career Exploration/Prevocational Skills	56.3201
Resource Career Exploration/Prevocational Skills, not for credit	56.3209
2_B4: GLMP, Technology Education	
Industry and Technology	21.0107
Technology Education; Intro to Technology	21.0127

2_B5: GLMP, Other

Combined Vocational/Academic Preparation	55.0401
Combined Vocational/Academic Preparation, not for credit	55.0409

2_C: Specific Labor Market Preparation (SLMP)**2_C01: SLMP - Agriculture and Renewable Resources****2_C01A: Agriculture and Renewable Resources, 1st Crse**

Agribusiness, Introduction; Agricultural Business	1.0111
Agricultural Mechanics, General; Agricultural Construction and Maintenance	1.0211
Agricultural Production, General; Production Agriculture	1.0311
Agriculture Technology 1	1.0312
Agricultural Products and Processing I	1.0411
Horticulture; Plant Propagation	1.0611
Landscaping; Landscaping and Home Fruit Production; Landscape Maintenance and Construction; Landscape Design	1.0631
Horticulture Mechanics I; Horticulture Power Equipment Operation and	1.0661
Agricultural Sciences, General; Agriculture Fundamentals	2.0111
Agricultural Occupations 1	2.0121
Animal Sciences 1	2.0211
Livestock 9	2.0221
Small Animal Production	2.0271
Ornamental Horticulture 1	2.0421
Environmental Management 1	3.0212
Forestry Science 1; Forestry, Introduction	3.0511
Marine Management/Oceanography 1; Marine Technology 1	3.0711
General Agriculture 1	55.1011
General Agriculture 1, not for credit	55.1019
Animal Care 1	55.1111
Animal Care 1, not for credit	55.1119
Plant Care 1	55.1211
Plant Care 1, not for credit	55.1219
Agricultural Mechanics 1	55.1311
Agricultural Mechanics 1, not for credit	55.1319

2_C01B: Agriculture and Renewable Resources, >=2nd Crse

Agricultural Mechanics 2	1.0212
Agricultural Mechanics 3	1.0213
Agricultural Mechanics 4	1.0214
Agriculture Technology 2	1.0313
Agricultural Products and Processing II	1.0412
Landscaping, Advanced	1.0632
Horticulture Mechanics II; Horticulture Mechanics—Cooperative Education	1.0662
Agricultural Occupations 2	2.0122
Agricultural Occupations 3	2.0123
Agricultural Occupations 4	2.0124
Animal Sciences 2	2.0212
Livestock 10	2.0222
Small Animal Production 2; Small Animal Production—Cooperative Education	2.0272
Ornamental Horticulture 2	2.0422
Ornamental Horticulture 3	2.0423
Environmental Management 2	3.0213

Forestry Science 2	3.0512
Marine Management/Oceanography 2; Marine Technology 2	3.0712
General Agriculture 2	55.1021
General Agriculture 2, not for credit	55.1029
General Agriculture 3	55.1031
General Agriculture 3, not for credit	55.1039
Animal Care 2	55.1121
Animal Care 2, not for credit	55.1129
Plant Care 2	55.1221
Plant Care 2, not for credit	55.1229
Agricultural Mechanics 2	55.1321
Agricultural Mechanics 2, not for credit	55.1329
2_C01C: Agriculture and Renewable Resources, Specialty Crse	
Agricultural Business and Management, Other	1.0100
Agricultural Business Operation; Agricultural Business Leadership	1.0121
Farm and Ranch Management	1.0131
State and Community Agriculture	1.0141
Agricultural Microprocessing	1.0161
Agriculture, Independent Study	1.0181
Agricultural Mechanics, Other	1.0200
Welding, Agricultural	1.0221
Power and Machinery, Agricultural; Small Engines, Agricultural	1.0231
Farm Construction	1.0241
Electricity and Electronics, Agricultural	1.0251
Soil and Water Mechanical Practices	1.0261
Surveying, Agricultural	1.0271
Agricultural Production, Other	1.0300
Animal and Veterinary Science; Animal Husbandry; Animal Production	1.0321
Crop Production	1.0331
Agricultural Products and Processing, Other	1.0400
Agricultural Services and Supplies, Other	1.0500
Agricultural Supplies Marketing	1.0511
Animal Grooming; Pet Grooming	1.0521
Horticulture, Other	1.0600
Floriculture; Floriculture and Gardening	1.0621
Greenhouse Management	1.0641
Nursery Operations and Management; Nursery Practices; Nursery Management	1.0651
Turf Management	1.0671
Fruit and Vegetable Production	1.0681
International Agriculture, Other	1.0700
Agribusiness and Agricultural Production, Other	1.9900
Agricultural Sciences, Other General	2.0100
Animal Sciences, Other	2.0200
Poultry	2.0231
Dairy Production	2.0241
Nutrition and Feeds	2.0251
Horse Production	2.0261
Horseshoeing/Farrier Training	2.0262
Fish Production	2.0281

Food Sciences, Other	2.0300
Plant Sciences, Other	2.0400
Agronomy; Plant Science	2.0411
Soil Sciences, Other	2.0500
Soil Sciences, General	2.0511
Agricultural Chemistry; Fertilizers and Chemicals	2.0521
Agricultural Sciences, Other	2.9900
Renewable Natural Resources, Other General	3.0100
Conservation and Regulation, Other	3.0200
Conservation and Regulation; Soils, Forestry and Wildlife	3.0211
Fishing and Fisheries, Other	3.0300
Waterman Occupations	3.0311
Forestry Production and Processing, Other	3.0400
Forestry and Related Sciences, Other	3.0500
Wildlife Management, Other	3.0600
Wildlife Management	3.0611
Rural Recreation	3.0621
Renewable Natural Resources, Other	3.9900
Veterinary Science; Veterinary Aide	17.0571
Veterinary Medicine, Other	18.2400
Parks and Recreation, Other General	31.0100
Parks and Recreation Management, Other	31.0300
Water Resources, Other	31.0400
Parks and Recreation, Other	31.9900
2_C01D: Agriculture and Renewable Resources, Coop/Work Experience	
Agriculture Cooperatives; Agricultural Cooperative Education I	1.0171
Agricultural Cooperative Education II	1.0172
SOEP—Supervised Occupational Experience Program	1.0182
Agricultural Products and Processing—Cooperative Education	1.0421
Environmental Management—Cooperative Education	3.0221
Forestry Occupations—Work Experience; Forestry—Cooperative Education	3.0521
Agricultural Work Study	55.1411
Agricultural Work Study, not for credit	55.1419
Agricultural Work Experience	55.1511
Agricultural Work Experience, not for credit	55.1519
2_C02: SLMP - Business	
2_C021: Business Management	
2_C021A: Business Management, 1st Crse	
Business Introduction; Business, General; Business Survey; Business, Basic;	
Business Dynamics; Business Careers Overview	6.0111
Accounting/Business Management Careers—Integrated Curriculum	6.0211
Financial Careers	6.0311
Banking and Financial Careers	7.0201
2_C021B: Business Management, >=2nd Crse	
2_C021C: Business Management, Specialty Crse	
Business and Management, Other General	6.0100
Business Law	6.0121
Business, Independent Study	6.0131

Accounting, Other	6.0200
Banking and Finance, Other	6.0300
Real Estate Finance	6.0321
Consumer Lending	6.0331
Business Administration and Management, Other	6.0400
Business Organization and Management; Business Management; Business Leadership; Junior Executive Training	6.0411
Business Economics, Other	6.0500
Business Economics	6.0511
Human Resources Development, Other	6.0600
International Business Management, Other	6.0900
Investments and Securities, Other	6.1000
Investments and Taxation	6.1011
Labor Industrial Relations, Other	6.1100
Management Information Systems, Other	6.1200
Management Science, Other	6.1300
Organizational Behavior, Other	6.1500
Personnel Management, Other	6.1600
Small Business Management and Ownership, Other	6.1800
Small Business Management	6.1811
Taxation, Other	6.1900
Trade and Industrial Supervision and Management, Other	6.2000
Business and Management, Other	6.9900
Office Supervision and Management, Other	7.0400
Personnel and Training Programs, Other	7.0500
Winter/Ski Resort Operation	31.0211
Accounting/Business Management Careers—Integrated Curriculum	
2_C021D: Business Management, Coop/Work Experience	
Business Education, Cooperative	6.0141
Banking and Financial Careers—Cooperative Education	7.0251
2_C022: Business Services	
2_C022A: Business Services, 1st Crse	
Bookkeeping 1; Bookkeeping, Beginning	7.0111
Accounting 1; Clerical Accounting 1	7.0121
Bookkeeping and Accounting 1	7.0141
Recordkeeping 1; Recordkeeping, Clerical	7.0151
Office Machines; Business Machines; Adding and Calculating Machines	7.0161
Office Machines, Vocational	7.0162
Bank Data Entry Occupations	7.0241
Computers In Business; Business Computer Concepts	7.0311
Business Data Processing 1	7.0321
Business Computer Programming 1; Business Computer Applications	7.0331
Data Entry Operator 1; Computer Operator	7.0351
Peripheral Computer Operator	7.0371
Shorthand 1; Stenography 1; Shorthand, Beginning	7.0611
Secretarial Administration 1; Secretarial Practice; Secretarial Procedures; Secretarial Office Practice; Secretarial Typewriting, Integrated; Secretarial Skills, Integrated	7.0631
Word Processing 1	7.0641

Office Procedures 1; Office Practice 1; Office Specialist 1; Automated Office 1; Office Skills, Integrated; Clerk Typist; Office Technology 1; Business Careers 1; Office Services 1; Clerk Typist 1	7.0731
Desktop Publishing	48.0271
General Office Practice 1	55.2011
General Office Practice 1, not for credit	55.2019
Office Machines 1	55.2111

2_C022B: Business Services, >=2nd Crse

Bookkeeping 2; Bookkeeping, Advanced	7.0112
Accounting 2; Accounting, Advanced; Accounting Careers; Clerical Accounting 2	7.0122
Accounting, College	7.0131
Bookkeeping and Accounting 2	7.0142
Recordkeeping 2; Recordkeeping Techniques, Specialized	7.0152
Business Data Processing 2	7.0322
Business Computer Programming 2	7.0332
Data Entry Operator 2	7.0352
Shorthand 2; Stenography 2; Shorthand, Advanced; Stenography, Advanced	7.0612
Secretarial Administration 2	7.0632
Word Processing 2	7.0642
Word Processing 3; Advanced Word Processing Applications	7.0643
Typewriting 2; Typewriting, Advanced	7.0712
Typewriting 3; Typewriting, Executive; Typewriting, Career	7.0713
Office Procedures 2; Office Practice 2; Office Career Occupations; Automated Office 2; Office Careers 2; Office Technology 2; Office Specialist 2; Clerk Typist 2; Business Careers 2	7.0732
Simulated Office; Model Office; Office Practice, Advanced; Business Experience, Simulated; Business Careers 3; Office Pool; Office Services, Advanced	7.0733
General Office Practice 2	55.2021
General Office Practice 3	55.2031
Office Machines 2	55.2121

2_C022C: Business Services, Specialty Crse

Accounting, Bookkeeping, and Related Programs, Other	7.0100
Banking and Related Financial Programs, Other	7.0200
Bank Teller	7.0211
Financial Mathematics	7.0221
Bank Proof Operator	7.0231
Business Data Processing and Related Programs, Other	7.0300
Keypunch Operator	7.0341
Keyboarding	7.0361
Secretarial and Related Programs, Other	7.0600
Transcription; Dictation and Transcription; Transcription, Machine; Touch Shorthand; Machine Shorthand	7.0621
Reprographics	7.0651
Legal Office Procedures; Legal Secretary	7.0661
Court Reporter	7.0662
Medical Office Procedures; Medical Office Assisting; Medical Secretary	7.0671
Legal/Medical Office Procedures	7.0681
Typing, General Office, and Related Programs, Other	7.0700

Business and Office, Other	7.9900
Telephone Directory Assistant	8.0782
Medical Records Secretary	17.0541
2_C022D: Business Services, Coop/Work Experience	
Office Education 1, Cooperative; Clerical On The Job Training; Office Training, Vocational; Office Occupations Work Experience	7.0741
Office Education 2, Cooperative	7.0742
Business Work Study 1	55.2211
Business Work Study 2	55.2221
Business Work Experience 1	55.2311
Business Work Experience 2	55.2321
2_C03: SLMP - Marketing and Distribution	
2_C03A: Marketing and Distribution, 1st Crse	
Insurance Careers	6.0811
Distributive Education 1; Sales and Marketing; Retailing and Merchandising; Distribution and Marketing; Distribution 1; Marketing and Distribution 1;	8.0711
2_C03B: Marketing and Distribution, >=2nd Crse	
Distributive Education 2; Distribution 2; Marketing and Distribution 2	8.0712
Distributive Education 3	8.0713
2_C03C: Marketing and Distribution, Specialty Crse	
Institutional Management, Other	6.0700
Insurance and Risk Management, Other	6.0800
Marketing Management and Research, Other	6.1400
Marketing Management and Decision Making; Marketing Studies; Merchandising and Sales Management	6.1411
Real Estate, Other	6.1700
Real Estate Marketing	6.1711
Apparel and Accessories Marketing, Other	8.0100
Fashion Merchandising	8.0111
Fashion Design and Illustration	8.0121
Business and Personal Services Marketing, Other	8.0200
Entrepreneurship, Other	8.0300
Starting Your Own Business	8.0311
Financial Services Marketing, Other	8.0400
Floristry, Farm and Garden Supplies Marketing, Other	8.0500
Floral Sales	8.0511
Food Marketing, Other	8.0600
Grocery Management; Wholesale/Retail Grocery Operation	8.0612
General Marketing, Other	8.0700
Salesmanship	8.0731
Retail Learning Laboratory	8.0741
Cashier Checker Training	8.0751
Warehousing Industrial and Wholesale Material Handling	8.0761
Distributive Education, Independent Study	8.0771
Telephone Service Representative	8.0781
Home and Office Products Marketing, Other	8.0800
Computer Sales Representative	8.0811
Hospitality and Recreation Marketing, Other	8.0900
Insurance Marketing, Other	8.1000

Transportation and Travel Marketing, Other	8.1100
Tourism Services	8.1111
Vehicles and Petroleum Marketing, Other	8.1200
Auto Parts Merchandising	8.1211
Automotive Service Station Operation; Automotive Professional Training	8.1221
Marketing and Distribution, Other	8.9900
Advertising, Other	9.0200
Advertising	9.0211
2_C03D: Marketing and Distribution, Coop/Work Experience	
Fashion Merchandising—Cooperative Education 1	8.0131
Fashion Merchandising—Cooperative Education 2	8.0132
Food Marketing—Cooperative Education 1	8.0621
Food Marketing—Cooperative Education 2	8.0622
Distributive Education 1, Cooperative; Store Experience; Marketing Occupational Experience	8.0721
Distributive Education 2, Cooperative	8.0722
Entertainment Park/Tourism—Cooperative Education	8.1121
2_C04: SLMP - Health Care	
2_C04A: Health Care, 1st Crse	
Dental Assistant 1; Dental Office Assisting	17.0111
Dental Technology 1	17.0131
Laboratory Program 1; Health Technology	17.0311
Health Occupations 1; Health Careers; Medical Career Opportunities	17.0511
Medical Assisting	17.0551
Health Office; Student Assessment of Child Health	17.0611
Nursing, Introduction; Nursing, Practical	17.0621
Nurse Aide and Orderly; Nurse's Assistant; Patient Care Technician	17.0631
General Health Occupations 1	55.3011
General Health Occupations 1, not for credit	55.3019
2_C04B: Health Care, >=2nd Crse	
Dental Assistant 2	17.0112
Dental Technology 2	17.0132
Laboratory Program 2	17.0312
General Health Occupations 2	55.3021
General Health Occupations 2, not for credit	55.3029
General Health Occupations 3	55.3031
General Health Occupations 3, not for credit	55.3039
2_C04C: Health Care, Specialty Crse	
Dental Services, Other	17.0100
Diagnostic and Treatment Services, Other	17.0200
First Aid; CPR and First Aid; Medical Emergencies; Emergency Medical EKG Technician	17.0211
Medical Laboratory Technologies Other	17.0221
Medical Laboratory Technologies Other	17.0300
Mental Health/Human Services, Other	17.0400
Home Health Aide	17.0411
Community Health	17.0421
Mental Health Worker; Psychiatric Aide	17.0431
Miscellaneous Allied Health Services, Other	17.0500
Central Service Technician	17.0522

Medical Terminology	17.0531
Chemistry for Health Science; Medicinal Chemistry; Nursing Chemistry	17.0581
Health Occupations, Independent Study	17.0591
Nursing-Related Services, Other	17.0600
Ophthalmic Services, Other	17.0700
Optical Services Assistant	17.0711
Rehabilitation Services, Other	17.0800
Allied Health, Other	17.9900
Audiology and Speech Pathology, Other	18.0100
Basic Clinical Health Sciences, Other	18.0200
Chiropractic, Other	18.0300
Dentistry, Other	18.0400
Emergency/Disaster Science, Other	18.0500
Epidemiology, Other	18.0600
Health Sciences Administration, Other	18.0700
Hematology, Other	18.0800
Medical Laboratory, Other	18.0900
Medicine, Other	18.1000
Nursing, Other	18.1100
Optometry, Other	18.1200
Osteopathic Medicine, Other	18.1300
Pharmacy, Other	18.1400
Pharmacy Technician	18.1411
Podiatry, Other	18.1500
Population and Family Planning, Other	18.1600
Pre-Dentistry, Other	18.1700
Pre-Medicine, Other	18.1800
Medical Ethics	18.1801
Pre-Pharmacy, Other	18.1900
Pre-Veterinary, Other	18.2000
Prosecutorial Science, Other	18.2100
Public Health Laboratory Science, Other	18.2200
Toxicology (Clinical), Other	18.2300
Health Sciences, Other	18.9900
Dietetic Aide	20.0461

2_C04D: Health Care, Coop/Work Experience

Dental Assistant, Cooperative	17.0121
Health Occupations 2; Health Occupations Training Medical Careers Work	17.0521
Health Occupations—Cooperative Education 1	17.0592
Health Occupations—Cooperative Education 2	17.0593
Nurse Aide, Cooperative	17.0641
Health Occupations Work Study 1	55.3111
Health Occupations Work Study 1, not for credit	55.3119
Health Occupations Work Study 2	55.3121
Health Occupations Work Study 2, not for credit	55.3129
Health Occupations Work Experience 1	55.3211
Health Occupations Work Experience 1, not for credit	55.3219
Health Occupations Work Experience 2	55.3221
Health Occupations Work Experience 2, not for credit	55.3229

2_C05: SLMP - Public and Protective Services	
2_C05A: Public and Protective Services, 1st Crse	
Police Science; Law Enforcement; Criminal Justice	43.0111
Fire Fighting Practices; Fire Science	43.0211
Human Services	44.0711
2_C05B: Public and Protective Services, >=2nd Crse	
2_C05C: Public and Protective Services, Specialty Crse	
Criminal Justice, Other	43.0100
Forensic Studies; Law Science	43.0121
Fire Protection, Other	43.0200
Security Guard	43.0311
Protective Services, Other	43.9900
Public Affairs, Other General	44.0100
Community Services, Other	44.0200
Public Administration, Other	44.0400
Public Policy Studies, Other	44.0500
Public Works, Other	44.0600
Social Work, Other	44.0700
Public Affairs, Other	44.9900
Criminology, Other	45.0400
2_C05D: Public and Protective Services, Coop/Work Experience	
2_C06: SLMP - Trade and Industry	
2_C061: (T&I) Construction Trades	
2_C061A: (T&I) Construction Trades, 1st Crse	
Electricity 1; Electrical Trades; Electricity, Basic	21.0113
Bricklaying and Masonry 1; Masonry 1	46.0111
Carpentry 1	46.0211
Housewiring 1; Residential Wiring	46.0311
Building Construction 1; House Construction; Building Trades 1; Home Mechanics;	
Manufactured Housing Assembly 1	46.0411
Building Maintenance	46.0431
Home Maintenance and Repair	46.0441
Plumbing 1	46.0511
General Construction Trades 1	55.8011
General Construction Trades 1, not for credit	55.8019
Brickmasonry, Stonemasonry, and Tile Setting 1	55.8111
Brickmasonry, Stonemasonry, and Tile Setting 1, not for credit	55.8119
Carpentry 1	55.8211
Carpentry 1, not for credit	55.8219
Plumbing 1	55.8311
Plumbing 1, not for credit	55.8319
2_C061B: (T&I) Construction Trades, >=2nd Crse	
Electricity 2; Electrical Trades, Advanced; Electrical Wiring Practices	21.0114
Bricklaying and Masonry 2; Masonry 2; Masonry, Advanced	46.0112
Masonry 3	46.0113
Carpentry 2; Structural Woods; Carpentry, Advanced	46.0212
Carpentry 3	46.0213

Housewiring 2	46.0312
Building Construction 2; Building Trades 2; Manufactured Housing Assembly 2	46.0412
Building Construction 3; Building Trades 3; Manufactured Housing Assembly 3	46.0413
Plumbing 2	46.0512
General Construction Trades 2	55.8021
General Construction Trades 2, not for credit	55.8029
General Construction Trades 3	55.8031
General Construction Trades 3, not for credit	55.8039
Brickmasonry, Stonemasonry, and Tile Setting 2	55.8121
Brickmasonry, Stonemasonry, and Tile Setting 2, not for credit	55.8129
Carpentry 2	55.8221
Carpentry 2, not for credit	55.8229
Plumbing 2	55.8321
Plumbing 2, not for credit	55.8329
2_C061C: (T&I) Construction Trades, Specialty Crse	
Brickmasonry, Stonemasonry, and Tile Setting, Other	46.0100
Tile Setting and Plastering	46.0121
Concrete Technician	46.0131
Carpentry, Other	46.0200
Electrical and Power Transmission Installation, Other	46.0300
Electric Power and Communications Lineworker	46.0321
Miscellaneous Construction Trades, Other	46.0400
Painting and Decorating	46.0421
Flooring Installation	46.0422
Plumbing, Pipefitting, and Steamfitting, Other	46.0500
Construction Trades, Other	46.9900
2_C061D: (T&I) Construction Trades, Coop/Work Experience	
Electricity—Cooperative Education 1	21.0130
Electricity—Cooperative Education 2	21.0131
Electricity/Electronics—Cooperative Education 1	21.0150
Electricity/Electronics—Cooperative Education 2	21.0151
Building Construction—Cooperative Education 1; Construction Trades—Cooperative Education 1	46.0451
Building Construction—Cooperative Education 2; Construction Trades—Cooperative Education 2	46.0452
Construction Trades Work Study 1	55.8411
Construction Trades Work Study 1, not for credit	55.8419
Construction Trades Work Study 2	55.8421
Construction Trades Work Study 2, not for credit	55.8429
Construction Trades Work Experience 1	55.8511
Construction Trades Work Experience 1, not for credit	55.8519
Construction Trades Work Experience 2	55.8521
Construction Trades Work Experience 2, not for credit	55.8529
2_C062: (T&I) Mechanics and Repair	
2_C062A: (T&I) Mechanics and Repair, 1st Crse	
Industrial Maintenance/Mechanics 1	12.0531
Radio and TV Repair 1; Television Repair; Electronic Servicing	47.0121
Appliance Repair 1; Major Appliance Repair	47.0131

Air Conditioning, Refrigeration, and Heating; Refrigeration and Air Conditioning 1;	
Commercial Heating and Air Conditioning	47.0211
Industrial Mechanics 1; Heavy Equipment Mechanics; Industrial Equipment	47.0311
Industrial Maintenance Mechanics 1	47.0331
Petroleum Drilling Equipment Operation and Maintenance 1	47.0341
Shoe Repair and Orthopedics 1	47.0431
Power Mechanics 1; Power Conversion 1; Power Technology 1; Energy and	
Transportation 1	47.0511
Small Engine Repair 1; Small Engine Maintenance; Mechanics Trades; Small Gas	
Maintenance; Motorcycle and Recreational Vehicle Repair	47.0611
Auto Mechanics 1; Auto Repair; Auto Engines; Vehicle Power	47.0621
Auto Body 1; Auto Body and Fender; Auto Body Repair; Body and Fender	47.0631
Auto Service 1; Auto Maintenance	47.0641
Auto Owner Maintenance; Consumer Auto	47.0651
Airframes 1	47.0661
Aviation Powerplant 1	47.0671
Aviation Quality Control 1	47.0681
Aircraft Sheetmetal 1	47.0691
Auto Service 1	55.9011
Auto Service 1, not for credit	55.9019
2_C062B: (T&I) Mechanics and Repair, >=2nd Crse	
Industrial Maintenance/Mechanics 2	12.0532
Radio and TV Repair 2	47.0122
Radio and TV Repair 3	47.0123
Appliance Repair 2; Appliance Repair, Advanced	47.0132
Air Conditioning, Refrigeration, and Heating, Advanced; Refrigeration and Air	
Conditioning 2	47.0212
Air Conditioning, Refrigeration, and Heating 3	47.0213
Industrial Mechanics 2	47.0312
Industrial Maintenance Mechanics 2	47.0332
Petroleum Drilling Equipment Operation and Maintenance 2	47.0342
Petroleum Drilling Equipment Operation and Maintenance 3	47.0343
Shoe Repair and Orthopedics 2	47.0432
Power Mechanics 2; Power Technology 2; Energy and Transportation 2	47.0512
Power Mechanics 3	47.0513
Power Mechanics 4	47.0514
Small Engine Repair 2; Mechanics Trades, Advanced	47.0612
Auto Mechanics 2; Automotive Technology; Auto Tuneup	47.0622
Auto Mechanics 3; Auto Mechanics, Advanced	47.0623
Auto Body 2; Auto Body Repair, Advanced	47.0632
Auto Body 3	47.0633
Auto Service 2	47.0642
Airframes 2	47.0662
Aviation Powerplant 2	47.0672
Aviation Powerplant 3	47.0673
Aviation Powerplant 4	47.0674
Aviation Quality Control 2	47.0682
Aircraft Sheetmetal 2	47.0692
Auto Service 2	55.9021

Auto Service 2, not for credit	55.9029
2_C062C: (T&I) Mechanics and Repair, Specialty Crse	
Electrical and Electronic Equipment Repair, Other	47.0100
Small Appliance Repair	47.0111
Vending Machine Repair	47.0141
Business Machine Repair; Office Machine Repair	47.0151
Industrial Electricity	47.0161
Industrial Electronics	47.0171
Food Processing Machine Maintenance Technician/Repair	47.0181
Heating, Air Conditioning, and Refrigeration Mechanics, Other	47.0200
Industrial Equipment Maintenance and Repair, Other	47.0300
Diesel Mechanics	47.0321
Miscellaneous Mechanics and Repairers, Other	47.0400
Musical Instrument Repair	47.0411
Instrument Maintenance and Repair	47.0421
Watch and Clock Repair	47.0433
Bicycle Repair	47.0434
Stationary Energy Sources, Other	47.0500
Hydraulics and Pneumatics	47.0521
Vehicle and Mobile Equipment Mechanics and Repairers, Other	47.0600
Mechanics and Repairers, Other	47.9900
2_C062D: (T&I) Mechanics and Repair, Coop/Work Experience	
Auto Mechanics—Cooperative Education 1	47.0624
Auto Mechanics—Cooperative Education 2	47.0625
Auto Service Work Experience 1	55.9111
Auto Service Work Experience 2, not for credit	55.9119
Auto Service Work Experience 2	55.9121
Auto Service Work Experience 2, not for credit	55.9129
2_C063: (T&I) Precision Production	
2_C0631: (T&I) Precision Production (Drafting/Graphics/Printing)	
2_C0631A: (T&I) Prec. Prod. (Drafting/Graphics/Printing), 1st Crse	
Computer-Assisted Design/Drafting (CAD)	15.0431
Drafting 1; Mechanical Drawing 1; Projection Theory; Drafting Fundamentals	48.0111
Architectural Drawing 1; Architectural Drafting	48.0121
Engineering Drawing 1; Engineering Drafting; Engineering Graphics 1	48.0131
Commercial Art 1; Advertising Design	48.0211
Graphic Arts 1; Printing, Introduction; Production Printing; Graphic	48.0221
Sign Painting 1; Lettering	48.0231
Graphic Design	50.0411
Graphic and Printing Communications 1	55.7111
Graphic and Printing Communications 1, not for credit	55.7119
2_C0631B: (T&I) Prec. Prod. (Drafting/Graphics/Printing), >=2nd Crse	
Architecture, Advanced	4.0212
Drafting 2; Mechanical Drawing 2; Projection, Applied; Drafting, Technical	48.0112
Drafting 3; Mechanical Drawing 3; Machine Drawing; Illustration, Technical	48.0113
Drafting 4; Mechanical Drawing 4	48.0114
Architectural Drawing 2	48.0122
Architectural Drawing 3	48.0123
Architectural Drawing 4; Architectural Model Building	48.0124

Engineering Drawing 2; Engineering Graphics 2	48.0132
Commercial Art 2; Advertising and Illustration, Advanced	48.0212
Commercial Art 3; Advanced Commercial Art	48.0214
Graphic Arts 2; Printing, Advanced; Graphic Communications 2	48.0222
Graphic Arts 4	48.0224
Sign Painting 2	48.0232
Sign Painting 3	48.0233
Graphic and Printing Communications 2	55.7121
Graphic and Printing Communications 2, not for credit	55.7129
2_C0631C: (T&I) Prec. Prod. (Drafting/Graphics/Printing), Specialty Crse	
Architecture and Environmental Design, Other General	4.0100
Architecture, Other	4.0200
Architectural Theory	4.0221
City, Community, and Regional Planning, Other	4.0300
Environmental Design, Other	4.0400
Landscape Architecture, Other	4.0600
Urban Design, Other	4.0700
Architecture and Environmental Design, Other	4.9900
Drafting, Other	48.0100
Blueprint Reading; Sketching and Blueprint Reading	48.0141
Graphic and Printing Communications, Other	48.0200
Bindery	48.0241
Electronic Composition	48.0251
Copy Editing	48.0261
Design, Other	50.0400
Graphic Arts Technology, Other	50.0800
Computer Graphics Design; Computer Art	50.0811
2_C0632: (T&I) Precision Production (Metals/Woods/Plastics)	
2_C0632A: (T&I) Prec. Prod. (Metals/Woods/Plastics), 1st Crse	
Machine Shop 1; Machine Lab; Industrial Machine	21.0121
Metal 1; Metal Class; Metal Lab; Metalwork; Metal Trades; Machine Metals	48.0511
Welding 1	48.0521
Sheet Metal 1	48.0531
Foundry 1	48.0551
Plastics 1	48.0611
Woodworking 1; Wood 1; Woodworking, Basic	48.0711
Cabinetmaking 1; Millwork	48.0731
2_C0632B: (T&I) Prec. Prod. (Metals/Woods/Plastics), >=2nd Crse	
Machine Shop 2	21.0122
Machine Shop 3	21.0123
Machine Shop 4	21.0124
Metal 2; Metalwork, Advanced	48.0512
Metal 3	48.0513
Metal 4	48.0514
Welding 2	48.0522
Welding 3	48.0523
Sheet Metal 2	48.0532
Foundry 2	48.0552
Plastics 2	48.0612

Woodworking 2; Wood 2; Machine Woodworking; Wood Products	48.0712
Woodworking 3; Wood 3; Woodworking, Advanced	48.0713
Woodworking 4; Wood 4	48.0714
Cabinetmaking 2	48.0732
2_C0632C: (T&I) Prec. Prod. (Metals/Woods/Plastics), Specialty Crse	
Precision Metal Work, Other	48.0500
Metal Restoration	48.0541
Precision Work, Assorted Materials, Other	48.0600
Spaceage Plastics	48.0621
Woodworking, Other	48.0700
Furniture Refinishing	48.0721
Adaptive Foundry EMH	52.0107
2_C0633: (T&I) Precision Production (Other)	
2_C0633A: (T&I) Precision Production (Other), 1st Crse	
Architecture, Introduction	4.0211
Photography, Commercial; Photojournalism	10.0131
Electronics 1; Electronics, Basic; Circuits, Fundamental	21.0115
Leatherwork 1	48.0311
Upholstery	48.0321
Meatcutting 1	48.0411
Leatherwork and Upholstery 1	55.7211
Leatherwork and Upholstery 1, not for credit	55.7219
Meatcutting 1	55.7311
Meatcutting 1, not for credit	55.7319
2_C0633B: (T&I) Precision Production (Other), >=2nd Crse	
Advanced Commercial Photography	10.0132
Industrial Occupations 2; Industrial Cooperative Training, Advanced	21.0110
Electronics 2; Electronics, Digital	21.0116
Electronics 3	21.0117
Electronics 4	21.0118
Electricity and Electronics, Advanced	21.0120
Leatherwork 2	48.0312
Upholstery, Advanced	48.0322
Meatcutting 2	48.0412
Leatherwork and Upholstery 2	55.7221
Leatherwork and Upholstery 2, not for credit	55.7229
Meatcutting 2	55.7321
Meatcutting 2, not for credit	55.7329
2_C0633C: (T&I) Precision Production (Other), Specialty Crse	
Industrial Education Management Trainee	21.0125
Industrial Arts Research; Industrial Arts, Independent Study	21.0126
Leatherworking and Upholstering, Other	48.0300
Auto Upholstery	48.0331
Precision Food Production, Other	48.0400
Precision Production, Other	48.9900
2_C0634: (T&I) Precision Production, Coop/Work Experience	
Industrial Cooperative Work Experience	21.0111
Industrial Cooperative Work Experience, Advanced	21.0112
Electronics—Cooperative Education 1	21.0140

Electronics—Cooperative Education 2	21.0141
Drafting 1, Cooperative	48.0151
Drafting 2, Cooperative	48.0152
Commercial Art, Cooperative	48.0213
Graphic Arts 3; Printing Production—Cooperative	48.0223
Welding—Cooperative Education	48.0524
Precision Production Work Study 1	55.7411
Precision Production Work Study 1, not for credit	55.7419
Precision Production Work Study 2	55.7421
Precision Production Work Study 2, not for credit	55.7429
Precision Production Work Experience 1	55.7511
Precision Production Work Experience 1, not for credit	55.7519
Precision Production Work Experience 2	55.7521
Precision Production Work Experience 2, not for credit	55.7529
2_C064: (T&I) Transportation and Material Moving	
2_C064A: (T&I) Transportation and Material Moving, 1st Crse	
Aeronautics 1; Aerospace for Today	49.0111
Aviation Technology 1; Aviation, General; Avionics Technology	49.0121
Aircraft Parts Management 1	49.0141
Marine Engine and Boat Repair 1; Marine Mechanics, Basic	49.0311
Transportation Technology 1; Introduction to Transportation Industry	49.0411
2_C064B: (T&I) Transportation and Material Moving, >=2nd Crse	
Aeronautics 2	49.0112
Aviation Technology 2	49.0122
Aviation Technology 3	49.0123
Aviation Technology 4	49.0124
Aircraft Parts Management 2	49.0142
Marine Engine and Boat Repair 2; Marine Mechanics, Advanced	49.0312
Transportation Technology 2	49.0412
2_C064C: (T&I) Transportation and Material Moving, Specialty Crse	
Air Transportation, Other	49.0100
Air Travel Service Occupations	49.0131
Vehicle and Equipment Operation, Other	49.0200
Forklift Operator	49.0211
Tractor-Trailer Truck Driving	49.0212
Heavy Vehicle Operation/Earth Moving Equipment	49.0213
Bus Driver/Chauffeur	49.0214
Water Transportation, Other	49.0300
Boat Building	49.0321
Navigation	49.0331
Aquatic Occupations; Marine Diving	49.0341
Transportation/Traffic Technician	49.0421
Transportation and Material Moving, Other	49.9900
2_C064D: (T&I) Transportation and Material Moving, Coop/Work Experience	

2_C07: Technology and Communications**2_C071: Computer Technology****2_C071A: Computer Technology, 1st Crse**

Computer Appreciation; Computer Literacy; Computers, Introduction	11.0111
Computer Mathematics 1; Computer Problem Solving; Mathematics and Computing	11.0121
Computer Applications; Computer Sciences 1	11.0131
Computer Programming 1	11.0211
FORTRAN, Introduction	11.0221
PASCAL, Introduction; PASCAL 1	11.0231
BASIC, Introduction; BASIC 1	11.0241
COBOL, Introduction; COBOL 1	11.0251
LOGO, Introduction	11.0261
RPG Programming, Introduction	11.0271
Data Processing, Introduction; Data Processing Systems and Procedures; Computer Concepts; Data Processing; Electronic Data Processing; Data Systems 1	11.0311

2_C071B: Computer Technology, >=2nd Crse**2_C071BA: Computer Technology, >=2nd Crse, non-AP/IB**

Computer and Information Sciences, Other General	11.0100
Computer Mathematics 2	11.0122
Computer Applications, Independent Study; Computer Sciences 2	11.0132
Computer Science, Advanced Placement; Computer Sciences 3	11.0141
Computer Programming 2	11.0212
Computer Programming 3	11.0213
Advanced PASCAL; PASCAL 2	11.0232
Advanced BASIC; BASIC 2	11.0242
Advanced COBOL; COBOL 2	11.0252
Data Processing, Intermediate; Data Processing 2	11.0312
Data Processing, Advanced; Data Processing, Internship	11.0313

2_C071BB: Computer Technology, >=2nd Crse, AP/IB

AP Computer Science A	**
AP Computer Science AB	**

2_C071C: Computer Technology, Specialty Crse

Artificial Intelligence	11.0151
Computer Programming, Other	11.0200
Data Processing, Other	11.0300
Information Sciences and Systems, Other	11.0400
Systems Analysis, Other	11.0500
Computer and Information Sciences, Other	11.9900
Electrical and Electronic Technologies, Other	15.0300
Audio Electronics	15.0311
Electronics Fabrication	15.0333
Electrical/Electronics Engineering Technician	15.0341

2_C071D: Computer Technology, Coop/Work Experience

Computer Programming—Cooperative Education	11.0321
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2_C072: Communication Technology**2_C072A: Communication Technology, 1st Crse**

Yearbook Production 1; Publications 1	9.0441
Careers in Radio/Television Broadcasting	9.0612
Broadcasting, Introduction	9.0711

World of Communications	10.0111
Broadcast Management 1	10.0141
Film Making and Production 1; Cinematography; Filming and Staging; Film Telecommunications 1; Television Occupations; Television Production 1; Videotape Production	10.0171
Radio/Television Production 1	10.0191
2_C072B: Communication Technology, >=2nd Crse	
Yearbook Production 2; Publications 2	9.0442
Broadcast Management 2	10.0142
Broadcasting Practicum	10.0143
Film Making and Production 2	10.0152
Television Production 2	10.0172
Television Production 3	10.0173
Television Production 4	10.0174
Radio/Television Production 2	10.0192
2_C072C: Communication Technology, Specialty Crse	
Communications, Other General	9.0100
Mass Media; Channels of Communications; Media Communications; Media and Persuasion; Media in Society; Media and Critical Thinking	9.0111
Communications Research, Other	9.0300
Radio/Television News Broadcast, Other	9.0600
Broadcast Journalism; Television News	9.0611
Radio/Television, Other General	9.0700
Radio and Television Appreciation; Television and Taste	9.0721
Cryptography	9.0831
Communications, Other	9.9900
Communication Technologies, Other	10.0100
Audio Visuals; Media Production Aide; Communications Media Production	10.0121
Radio Production	10.0161
Cable Television	10.0181
Telecommunications Technician	47.0124
2_C072D: Communication Technology, Coop/Work Experience	
2_C073: Other Technologies	
2_C073A: Other Technologies, 1st Crse	
Electronic Technology 1	15.0331
Electromechanical Technology 1; Robotics Technology	15.0411
Industrial Production Technology 1; Manufacturing Process Technology 1	15.0611
Chemical Technology 1; Chemistry Lab; Chemistry, Qualitative	17.0321
2_C073B: Other Technologies, >=2nd Crse	
Electronic Technology 2	15.0332
Electromechanical Technology 2	15.0412
Industrial Production Technology 2; Manufacturing Process Technology 2	15.0612
Chemical Technology 2	17.0322
2_C073C: Other Technologies, Specialty Crse	
Architectural Technologies, Other	15.0100
Structural Engineering Technician	15.0111
Civil Technologies, Other	15.0200
Surveying	15.0211

Civil Engineering Technician	15.0221
Electrical Technology	15.0321
Electromechanical Instrumentation and Maintenance Technologies, Other	15.0400
Instrumentation Technology	15.0421
Environmental Control Technologies, Other	15.0500
Environmental Control Technologies	15.0511
Industrial Production Technologies, Other	15.0600
Industrial Research & Development; Product Creation/Improvement	15.0601
Chemical Manufacturing Technology	15.0621
Optics Technology	15.0631
Quality Control and Safety Technologies, Other	15.0700
Quality Control Technology	15.0711
Mechanical and Related Technologies, Other	15.0800
Automotive Design & Technology	15.0811
Mechanical Engineering Technology	15.0821
Mining and Petroleum Technologies, Other	15.0900
Mining Technology	15.0911
Petroleum Technology	15.0921
Engineering and Engineering-Related Technologies, Other	15.9900
Biological Technologies, Other	41.0100
Nuclear Technologies, Other	41.0200
Physical Science Technologies, Other	41.0300
Science Technologies, Other	41.9900

2_C073D: Other Technologies, Coop/Work Experience

2_C08: SLMP - Personal and Other Services

2_C08A: Personal and Other Services, 1st Crse

Interior Design	4.0511
Dry Cleaning 1	12.0111
Cosmetology; Care of the Nails and Skin; Esthetician; Creative Coiffure and Shaping and Conditioning Hair	12.0411
Barbering 1	12.0421
Personal Services Occupations	12.0431
General Services Occupations 1	12.0511
Building & Grounds Maintenance Occ 1	12.0521
Home Economics Occupations 1, Exploratory; Home Economics Job Training Exploration	20.0151
Clothing Occupations 1; Fashion Design and Clothing Occupations; Profitable Housing and Interior Design 1; Homes and Interiors; Home Furnishings; Living Environments	20.0311
Interior Design Occupations; Home Environment Occupations	20.0511
Home-Service Assisting 1	20.0513
Custodial Services	20.0571
Geriatrics 1; Companion to the Aged	20.0611
Clothing and Textiles 1	20.0641
Clothing and Textiles 1, not for credit	55.4211
Cosmetology/Barber 1	55.4219
Cosmetology/Barber 1, not for credit	55.6111
Custodial and Housekeeping Services 1	55.6119
	55.6211

Custodial and Housekeeping Services 1, not for credit	55.6219
Miscellaneous Services 1	55.6411
Miscellaneous Services 1, not for credit	55.6419
2_C08B: Personal and Other Services, >=2nd Crse	
Dry Cleaning 2	12.0112
Cosmetology 2; Cosmetology, Advanced; Wigology and the Professional Business of Cosmetology	12.0412
Cosmetology 3	12.0413
Barbering 2	12.0422
Barbering 3	12.0423
General Services Occupations 2	12.0512
General Services Occupations 3	12.0513
General Services Occupations 4	12.0514
Building & Grounds Maintenance Occ 2	12.0522
Building & Grounds Maintenance Occ 3	12.0523
Home Economics Occupations 2, Exploratory	20.0152
Clothing Occupations 2; Profitable Sewing 2	20.0312
Clothing Occupations 3	20.0313
Housing and Interior Design 2	20.0512
Home-Service Assisting 2	20.0572
Geriatrics 2	20.0642
Clothing and Textiles 2	55.4221
Clothing and Textiles 2, not for credit	55.4229
Cosmetology/Barber 2	55.6121
Cosmetology/Barber 2, not for credit	55.6129
Custodial and Housekeeping Services 2	55.6221
Custodial and Housekeeping Services 2, not for credit	55.6229
Miscellaneous Services 2	55.6421
Miscellaneous Services 2, not for credit	55.6429
2_C08C: Personal and Other Services, Specialty Crse	
Interior Design, Other	4.0500
Drycleaning and Laundering Services, Other	12.0100
Funeral Services, Other	12.0300
Personal Services, Other	12.0400
Consumer, Personal, and Miscellaneous Services, Other	12.9900
Clothing, Apparel, and Textiles Management, Production, and Services, Other	20.0300
Clothing Maintenance Aide	20.0321
Commercial Garment and Apparel Construction	20.0331
Custom Apparel Construction	20.0341
Custom Tailoring and Alteration	20.0351
Wedding and Specialty Consulting	20.0361
Fashion and Fabric Coordination	20.0371
Textiles Testing	20.0381
Clothing Production Management	20.0391
Home Furnishings and Equipment Management, Production, and Services, Other	20.0500
Floral Design	20.0521
Home Decorating	20.0531
Home Furnishings Aide	20.0541
Custom Drapery and Window Treatment Design	20.0551

Custom Slipcovering and Upholstering	20.0561
Institutional, Home Management, and Supporting Services, Other	20.0600
Executive Housekeeping	20.0621
Homemaker's Aide; Homemaker's Assistant, Home Managemen	20.0631
Consumer Aide	20.0651
Therapeutic Recreation Aide	20.0661
Vocational Home Economics, Other	20.9900
2_C08D: Personal and Other Services, Coop/Work Experience	
Cosmetology - Cooperative Educ. 2 (1?)	12.0414
Cosmetology - Cooperative Educ. 2	12.0415
Home Economics—Cooperative Education 1	20.0193
Home Economics—Cooperative Education 2	20.0194
Clothing Occupations—Cooperative Education 1	20.0314
Clothing Occupations—Cooperative Education 2	20.0315
Home-Service Asst—Cooperative Education 1	20.0573
Home-Service Asst—Cooperative Education 2	20.0574
Geriatrics—Cooperative Education 1	20.0643
Geriatrics—Cooperative Education 2	20.0644
Institutional, Home Management Support Services—Cooperative Education	20.0671
Home Economics Work Study 1	55.4411
Home Economics Work Study 1, not for credit	55.4419
Home Economics Work Study 2	55.4421
Home Economics Work Study 2, not for credit	55.4429
Home Economics Work Experience 1	55.4511
Home Economics Work Experience 1, not for credit	55.4519
Home Economics Work Experience 2	55.4521
Home Economics Work Experience 2, not for credit	55.4529
Service Occupations Work Study 1	55.6511
Service Occupations Work Study 1, not for credit	55.6519
Service Occupations Work Study 2	55.6521
Service Occupations Work Study 2, not for credit	55.6529
Service Occupations Work Experience 1	55.6611
Service Occupations Work Experience 1, not for credit	55.6619
Service Occupations Work Experience 2	55.6621
Service Occupations Work Experience 2, not for credit	55.6629
2_C09: SLMP - Food Service and Hospitality	
2_C09A: Food Service and Hospitality, 1st Crse	
Food Marketing/Distribution—Overview	8.0611
Orientation to Hospitality Careers	8.0911
Hospitality Sales 1	8.0921
Food Service Training 1; Culinary Arts 1; Commercial Foods, Basic; Restaurant	
Occupations 1; Chef Class	20.0411
Food Services 1	55.6311
Food Services 1, not for credit	55.6319
2_C09B: Food Service and Hospitality, >=2nd Crse	
Hospitality Sales 2	8.0922
Food Service Training 2; Culinary Arts 2; Commercial Foods, Advanced;	
Restaurant Occupations 2	20.0412
Food Services 2	55.6321

Food Services 2, not for credit	55.6329
2_C09C: Food Service and Hospitality, Specialty Crse	
Hotel and Motel Management	6.0711
Hotel and Motel Training	6.0712
Entertainment Services, Other	12.0200
Food Production, Management, and Services, Other	20.0400
Food Services/Restaurant Management	20.0413
Baking	20.0431
Chef	20.0441
Catering	20.0451
Food Testing	20.0471
Adaptive Foods EMH	52.0106
2_C09D: Food Service and Hospitality, Coop/Work Experience	
Food Service Cooperative Training; Food Service, Vocational	20.0421
Cafeteria Assistant; School Food Service	20.0481
2_C10: SLMP - Child Care and Education	
2_C10A: Child Care and Education, 1st Crse	
Child Care Services; Early Childhood Workshop; Child Development Services;	
Nursery School Training	20.0211
Child Development 1	55.4111
Child Development 1, not for credit	55.4119
2_C10B: Child Care and Education, >=2nd Crse	
Child Development 2	55.4121
Child Development 2, not for credit	55.4129
2_C10C: Child Care and Education, Specialty Crse	
Education, Other General	13.0100
Bilingual/Bicultural Education, Other	13.0200
Curriculum and Instruction, Other	13.0300
Education Administration, Other	13.0400
Educational Media, Other	13.0500
Evaluation and Research, Other	13.0600
International and Comparative Education, Other	13.0700
School Psychology, Other	13.0800
Social Foundations, Other	13.0900
Special Education, Other	13.1000
Student Counseling and Personnel Services, Other	13.1100
Teacher Education, General Programs, Other	13.1200
Teacher Education, Specific Subject Areas, Other	13.1300
Teaching English as a Second Language/Foreign Language, Other	13.1400
Education, Other	13.9900
Current Issues in Child Development	20.0126
Child Care and Guidance Management and Services, Other	20.0200
Child Care Aide	20.0221
Child Care Management	20.0231
Family Care Services; Foster Care and Family Care	20.0241
Teacher Aide/Elementary	20.0251
Teacher Aide/Secondary	20.0252
Library and Archival Sciences, Other General	25.0100
Library Science; Library Skills	25.0111

Archival Science, Other	25.0200
Library Assisting, Other	25.0300
Library Assistant; Library Aide	25.0311
Library Science, Other	25.0400
Museology, Other	25.0500
Library and Archival Sciences, Other	25.9900
2_C10D: Child Care and Education, Coop/Work Experience	
Child Care—Cooperative Education 1	20.0261
Child Care—Cooperative Education 2	20.0262
2_C11: SLMP, Unidentified Subject	
Cooperative Education 1; Vocational Cooperative Program; Cooperative Training, Diversified	32.0106
Cooperative Education 2	32.0107
Off-Campus Vo Tech Training—Unspecified	32.0121
3: ENRICHMENT/OTHER CURRICULUM	
3_1: General Skills	
3_1A: General Skills, Enrichment	
Personal Recordkeeping; Home Finance	7.0153
Speedwriting; Shorthand for College; Notetaking; College Notehand	7.0613
Interpersonal Communication	23.0414
Speed Reading	23.1215
Summer Abroad	24.0121
Independent Study; Beyond Regular Study; Mentorship	24.0131
Gifted and Talented Program	24.0141
Home Finance; Recordkeeping; Personal	32.0101
Speed Reading	32.0111
Shorthand for College; Speedwriting; Notetaking; College; Notehand	32.0116
Study Dynamics	32.0117
Study Dynamics	32.0211
Test Taking	32.0221
Fire Safety Education	43.0221
Filing Your Income Taxes; Income Taxes	45.0604
3_1B: General Skills, Assistance	
Handwriting; Penmanship	23.0413
Basic Skills, Career and Employment, Other	32.0100
not in cssc listing, but 32.02=Basic Skills, General	32.0200
Resource Room (NON Special Ed)	32.0201
Individ. Acad Program dropout prevention, college prep, tutorial assistance	32.0231
Functional Academics	54.2401
Functional Academics, not for credit	54.2409
Activities of Daily and Family Living	54.3001
Activities of Daily and Family Living, not for credit	54.3009
Social/Behavioral Skills	54.3101
Social/Behavioral Skills, not for credit	54.3109
Functional Transition Skills	54.3401
Functional Transition Skills, not for credit	54.3409
Functional Social Skills	54.4501
Functional Social Skills, not for credit	54.4509
Handicapped Developmental Support Services	54.9401

Handicapped Developmental Support Services, not for credit	54.9409
Resource Transitional Skills	56.3211
Resource Transitional Skills, not for credit	56.3219
General Tutorial Services	56.9001
General Tutorial Services, not for credit	56.9009
Resource Study Skills	56.9101
Resource Study Skills, not for credit	56.9109
School and Social Survival Skills	56.9201
School and Social Survival Skills, not for credit	56.9209
Resource Survival Skills	56.9301
Resource Survival Skills, not for credit	56.9309
Handicap Specific Support Services	56.9401
Handicap Specific Support Services, not for credit	56.9409
3_1C: General Skills, Service	
Citizenship/Civic Activities, Other	33.0100
Teacher Assistant; Instructional Assistant; Teacher Cadet; Student Assistant; School Service; Laboratory Assistant; Clerical Aide; Office Aide	33.0111
Student Government; Assembly	33.0131
Peer Tutoring; Tutoring (providing, not receiving)	33.0141
Community Service; Community Involvement	33.0151
Peer Counseling	35.0131
3_2: Health, Physical, and Recreational Education	
Sports Officiating	12.0211
Sports Medicine	17.0561
Outdoor Education	30.0131
Recreation Aide	31.0111
Search and Rescue	31.0121
Outdoor Recreation, Other	31.0200
Cheerleading; Pep Squad	33.0121
Health-Related Activities, Other	34.0100
Physical and Health Education 7; Physical Education 7	34.0111
Physical and Health Education 8; Physical Education 8	34.0112
Physical Education 9; Health Safety and Physical Education 9; Physical and Health Education 9	34.0113
Physical Education 10; Health Safety and Physical Education 10	34.0114
Physical Education 11; Health Safety and Physical Education 11	34.0115
Physical Education 12; Health Safety and Physical Education 12	34.0116
Physical Education, Adaptive	34.0121
Physical Education—Medically Excused	34.0122
Adaptive Physical Education (Multihandicapped); Adaptive Physical Education (Nonregular program)	34.0129
Health 7; Health Science 7	34.0131
Health 8; Health Science 8	34.0132
Health 9; Health Science 9	34.0133
Health 10; Health Science 10	34.0134
Health 11; Health Science 11	34.0135
Health 12; Health Science 12	34.0136
State Requirements (drivers, sex, drug educ)	34.0137
Modern Medical Issues	34.0138

Drugs Alcohol and Tobacco	34.0141
Driver Education, Classroom; Traffic Safety	34.0151
Driver Education, Practice	34.0152
Gym Aide; Physical Education Leadership Training	34.0161
Life Saving	34.0171
Safety	34.0181
Sex Education; Human Sexuality and Reproduction	34.0191
Interpersonal Skills, Other	35.0100
Interpersonal Relationships	35.0111
Building Human Relationships	35.0121
Dropout Prevention Communities/Cities in Schools	35.0141
Leisure and Recreational Activities, Other	36.0100
Sports, Individual	36.0111
Sports, Team	36.0121
Gymnastics	36.0131
Drill Team; Band Physical Education; Color Guard	36.0141
Track and Field	36.0151
Aquatics	36.0161
Conditioning and Athletics; Fitness; Weight Training and Body Development;	
Physical Training; Figure Control; Self Defense	36.0171
Motorcycle Operation	36.0181
Recreational Activities; Avocational Experience	36.0191
Experiential Outdoor Education	36.0192
Personal Awareness, Other	37.0100
Personal Development Techniques; Personal Grooming and Fashion; Personal	
Management; Personal Culture; Youth and Decisions; Teens Today; Human	
Studies; Self Development	37.0111
Personal Adjustment; Coping with Personal Problems	37.0121
Self Image; Self Perception	37.0131
Adaptive Drivers Education EMH	52.0108
Adaptive Health Education	52.0109
Functional Leisure and Recreational Skills	54.3201
Functional Leisure and Recreational Skills, not for credit	54.3209
Functional Health	54.3301
Functional Health, not for credit	54.3309
Adaptive Physical Education (Multihandicapped); Adaptive Physical Education	
(Nonregular program)	34.0121.2

3_3: Religion and Theology

Clinical Pastoral Care, Other	30.0200
Religion, Other	38.0200
Catholicism, Foundations; Ritual and Symbol	38.0201
Person of Jesus; Who Is Jesus	38.0202
Bible Studies; Scripture; Christian and Hebrew Scriptures; Testaments, Old and	38.0203
Moral Thought and Decision Making; Moral Issues, Social and Individual	38.0204
Christian Sexuality and Marriage; Marriage, Life Choices in Christian Living;	
Alternative Christian Lifestyles	38.0205
Comparative Religion and Philosophical Systems; Comparative Religion	38.0206
Sacraments	38.0207
Eastern Religious Thought; Religions of the East from Hinduism to Zen	38.0208
Religion and Psychology	38.0209
Western Religions; Religious Development in the West	38.0210
Religion and Literature	38.0211
Religion, Introduction; Philosophy of Religion	38.0212
Prayer and Liturgy	38.0213
Judaism, Foundations	38.0214
Protestantism, Foundations	38.0215
Religious Movements in America	38.0216
Islam and the Koran	38.0217
Philosophy and Religion, Other	38.9900
Biblical Languages, Other	39.0100
Bible Studies, Other	39.0200
Missionary Studies, Other	39.0300
Religious Education, Other	39.0400
Religious Music, Other	39.0500
Theological Studies, Other	39.0600
Theological Studies	39.0611
Theology, Other	39.9900

3_4: Military Science

Aerospace Science (Air Force), Other	28.0100
Aerospace Education 1; Air Science 1	28.0111
Aerospace Education 2; Air Science 2	28.0112
Aerospace Education 3; Air Science 3	28.0113
Aerospace Education 4; Air Science 4	28.0114
Civil Air Patrol	28.0121
Coast Guard Science, Other	28.0200
Military Science (Army), Other	28.0300
Army Leadership Development, Introduction; Army ROTC 1	28.0311
Army Intermediate Leadership Development; Army ROTC 2	28.0312
Army Applied Leadership Development; Army ROTC 3	28.0313
Army Advanced Leadership Development; Army ROTC 4	28.0314
Naval Science (Navy, Marines), Other	28.0400
Naval Science 1	28.0411
Naval Science 2	28.0412
Naval Science 3	28.0413
Naval Science 4	28.0414
Marine Corps Leadership Education 1	28.0421
Marine Corps Leadership Education 2	28.0422
Marine Corps Leadership Education 3	28.0423
Marine Corps Leadership Education 4	28.0424
Military Sciences, Other	28.9900
Military Technologies, Other	29.0100

4: SPECIAL EDUCATION CURRICULUM

General (including pre-vocational programs) EMH	52.0101
Resource (General) EH	52.0201
Self Contained EH	52.0202
General DEAF	52.0305
General BLIND	52.0401
Homebound (Home or Hospital for more than 10 days)	52.0501
Learning Disabilities, Other	52.0601
Help for Underachievers and Disadvantaged Students	52.0701
Speech Impairment General	52.0801
Physically Handicapped (General)	52.0901
Multi-Handicapped (General)	52.1001
Severely Mentally Retarded (General)	52.1101

Chapter 5

Revised SST (SNCC-filled)

Explanation of the Standard National Course Classification System (SNCC)

In 1994, NCES completed a portion of a multi-year project to develop a standard course classification system for elementary and secondary education. The purpose of this project was to create a system that would more fully capture course content in order to 1) facilitate communication among education agencies—an effort that complemented another NCES project enabling student data to be electronically transmitted between school districts and to postsecondary institutions;⁴ and 2) allow states and school districts to answer research questions regarding their students. A *Pilot Standard National Course Classification (SNCC) System for Secondary Education*, which provides basic course descriptions for 632 secondary courses in 29 subject areas, represents the culmination of the first phase of this project.⁵ Currently, districts within Delaware, Iowa, Nevada, Washington, Oregon, Louisiana, and Mississippi are using or considering using the Pilot SNCC in their data systems. NCES, however, has not used this classification system in its transcript collections.

In the SNCC, every course has a title, a description, and a basic course title code. In addition, the system provides a procedure for including more detail through the use of seven additional fields. A course fully coded using the SNCC receives a 13-digit code in 9 fields: the first two fields (4 digits) specify the subject area and main content of the course; four fields (6 digits) provide an indication of the level, available credit, and sequencing of the course; and the last three fields (3 digits) provide for the additional coding of main emphasis, experiences available, or additional detail about course content.

In general, course descriptions within the Pilot SNCC are more full than the descriptive phrases used to describe courses in the CSSC. However, the Pilot SNCC course descriptions are also often more general than those in the CSSC, making no particular distinction between, for example, studying Pacific Rim nations versus Canada within an Area Studies course. Some

⁴This project is known as SPEEDE/ExPRESS: Standardization of Postsecondary Education Electronic Data Exchange/Exchange of Permanent Records Electronically for Students and Schools.

distinctions are reasserted if the subject fields are used; many are not. However, the subject fields often provide types of information that are not captured by the CSSC, such as frequency of writing within history/social science coursework, laboratory experience within science coursework, level of prose mastery within English coursework, and application of knowledge to real-world experiences within vocational coursework.

Problems Encountered

This classification system, like the CSSC, will need updating periodically. Although created more recently than the CSSC, there are already new AP courses being offered to secondary students throughout the nation that are not reflected in the SNCC. The “problems” encountered here in filling the SST with SNCC codes are actually opportunities missed. The subject area codes, especially those of the vocational courses, provide additional detail that cannot be exploited. The subject fields for vocational coursework have provide information on:

- the programmatic nature of the course (whether or not, by itself or in conjunction with others, the course is part of an approved vocational program or an articulated tech-prep program);
- the nature of any applied experience (in an independent business, a school-based enterprise, or on-campus/classroom laboratories); and
- integration of academic concepts and skills (mathematics, science, or language arts, individually or in combination with one another).

In placing SNCC courses within the revised SST, the three subject area fields were not used to guide the placement decision. In several subject areas, “Type of Credit” is one of the three subject fields. Because the SNCC is organized according to the subject matter that the coursework covers, students may receive credit in a secondary school “department” that is different from the area in which the course is described. For example, History and Literature of the Theater is described within the Fine and Performing Arts subject area. However, in some schools, the credit a student receives for passing that class may be counted toward his or her English requirements. In the crosswalk, the courses were, with few exceptions, placed in the subject area in which they were originally described (typically, the norm for the award of credit

³See Denise Bradby, Karen A. Levesque, Robin R. Henke, and Gerald Malitz’s *A Pilot Standard National Course Classification System for Secondary Education*, U.S. Department of Education (1995), Office of Educational

as well); however, there is the possibility that the school would have placed it in another SST category. Continuing with the example, History and Literature of the Theater has been placed in the SST category of Theater Arts. However, if the SNCC course code included at least the first of the three subject fields, there would be more information on which to base placement. If the first digit equaled 1, the course should be placed with the other Arts (Theater) courses; if it equaled 3 or 4, the course would properly belong with other English courses. This situation occurs for the majority of the academic subject areas: English Language and Literature, Fine and Performing Arts, Foreign Language and Literature, Life and Physical Sciences, Mass Communication, Mathematics, Military Science, Physical Education, Religious Education and Theology, and Social Science and History.

The SNCC paid particular attention to courses that integrate content from two or more different subject areas. Several of these courses (American Literature/History, Team-Taught Block, Thematic Integration, and Multi/Interdisciplinary Studies—Other) cannot be accurately placed in only one category of the SST. When working with actual transcripts, the credit received for these courses would have to be split among the appropriate subcategories. The latter three courses cannot be categorized without the detail provided by the additional subject area codes available within the SNCC.

SST with SNCC codes

The version of the SST that follows is complete with codes and titles from the SNCC. The SNCC code used for each course in the crosswalk always includes the first four digits, followed by a decimal point. When necessary for placement within the SST, the *level* field is included; otherwise, an x holds the place of the level field (the possible codes are presented below). The *credit* field is denoted by the # sign. *Term* is denoted with an x, while *year* is included when necessary for placement within the SST (within vocational subject areas, English language and literature, and Non-English languages). After Agriculture and Business, years above year 2 are not used, with the understanding that any course with a 2, 3, or 4 in the year field will be included within the “Second or Later Course in Sequence” SST classification.

The level field has the following numerical possibilities:

- “0 Information not collected, unavailable, or missing.
- “1 Remedial
A course offered for the improvement of any particular deficiency, including a deficiency in content previously taught but not learned.
- “2 Special Education
A course that adapts the curriculum, materials, or instruction for students identified as needing special education. This may include instruction for students with any of the following: autism, deaf-blindness, hearing impairment, mental retardation, multiple disabilities, orthopedic impairment, serious emotional disturbance, specific learning disability, speech or language impairment, traumatic brain injury, visual impairment, and other health impairments.
- “3 Basic
A course focusing primarily on skills development, including literacy in language, mathematics, life and physical science, and social sciences and history.
- “4 General
A course providing instruction (in a given subject matter area) that focuses primarily on general concepts for the appropriate grade level.
- “5 Honors
An advanced level course designed for students who have earned honors status according to educational requirements.
- “6 Gifted and talented
An advanced level course designed primarily for elementary students who have qualified for and enrolled in a school, education institution, or district gifted and talented program
- “7 Untracked
A course that is not limited to one level of instruction so as to meet the needs of student groups at a variety of educational levels.
- “8 Limited English/bilingual
A course designed for students with a language background other than English, and whose proficiency in English is such that the probability of the individual’s success in an English-only environment is below that of a successful peer with an English language background.
- “9 Accepted as high school equivalent
A course offered at an education institution other than a secondary school (such as a junior high school or community college) or through correspondence or satellite media.”⁶

⁶Tbid.

1: ACADEMIC CURRICULUM

1_1: Mathematics

1_11: General Mathematics

1_11A: General Mathematics, ESE/Functional

Resource Center Math

2011.x#xx

Mathematics—Other

2099.2#xx

1_11B: General Mathematics, Basic

Basic Math

2012.x#xx

Mathematics—Other

2099.3#xx

1_11C: General Mathematics, Regular

Informal Math—Integrated Approach

2004.x#xx

General Math

2013.x#xx

Applied Math—General focus

2015.x#xx

1_11D: General Mathematics, Other

Probability and Statistics—General Math level

2061.x#xx

Mathematics—Other

2099.4#xx

1_12: Consumer Mathematics

1_12A: Consumer Mathematics, ESE/Functional

1_12B: Consumer Mathematics, Regular

Consumer Math—General Math level

2014.x#xx

1_13: Pre-Algebra

Pre-Algebra

2021.x#xx

Algebra I—Part 1

2032.x#x1

1_14: Algebra 1

Applied Math—CORD

2024.x#x1

Applied Math—CORD

2024.x#x2

Algebra I

2031.x#xx

Algebra I—Part 2

2033.x#x2

1_15: Geometry

Informal Geometry

2023.x#xx

Geometry

2034.x#xx

Analytic Geometry

2046.x#xx

1_16: Algebra 2 through Pre-Calculus

Pre-Algebra II

2035.x#xx

Algebra II

2041.x#xx

Algebra III

2042.x#xx

Trigonometry

2043.x#xx

Algebra II/Trigonometry

2044.x#xx

Elementary Functions

2045.x#xx

Math Analysis

2047.x#xx

Trigonometry/Analytic Geometry

2048.x#xx

Trigonometry/Math Analysis

2049.x#xx

Analytic Geometry/Math Analysis

2050.x#xx

Pre-Calculus

2053.x#xx

Discrete Mathematics

2054.x#xx

1_17: Advanced Mathematics	
1_17A: Advanced Mathematics, Calculus	
Calculus	2055.x#xx
Multivariate Calculus	2056.x#xx
Differential Calculus	2057.x#xx
1_17B: Advanced Mathematics, AP/IB	
IB Mathematical Studies	2051.x#xx
IB Mathematics	2052.x#xx
AP Calculus AB	2058.x#xx
AP Calculus BC	2059.x#xx
IB Mathematics and Computing—SL	2071.x#xx
1_17C: Advanced Mathematics, Other	
Probability and Statistics—Algebra I level	2062.x#xx
Probability and Statistics—Algebra II level	2063.x#xx
History of Math—Algebra II level	2072.x#xx
Number Theory—Algebra II level	2073.x#xx
Abstract Algebra—Pre-Calculus level	2074.x#xx
Linear Algebra—Pre-Calculus level	2075.x#xx
Linear Programming—Pre-Calculus level	2076.x#xx
Mathematics—Independent Study	2096.x#xx
Mathematics—Other	2099.5#xx
1_18: Unified Mathematics	
NCTM Core Math	2001.x#xx
Interactive Math Project	2002.x#xx
Integrated Math	2003.x#xx
Principles of Algebra and Geometry	2022.x#xx
1_19: Occupationally-Related Mathematics	
1_19A: Occupationally-Related Mathematics, ESE/Functional	
1_19B: Occupationally-Related Mathematics, Regular	
Applied Math—Occupational focus	2016.x#xx
Business Math—General Math level	2064.x#xx
Business Math—Algebra I level	2065.x#xx
Business Math—Algebra II level	2066.x#xx
Business Math—Pre-Calculus level	2067.x#xx
1_2: Science	
1_21: Survey Science	
1_21A: Survey Science, Basic	
1_21B: Survey Science, Specialized Topics	
Origins of Science	1782.x#xx
Life and Physical Sciences Lab Assistant	1793.x#xx
Life and Physical Sciences—Independent Study	1796.x#xx
Life and Physical Sciences—Other	1799.x#xx
1_21C: Survey Science, Integrated/Unified Topics	
Integrated Science	1741.x#xx
Unified Science	1742.x#xx
Applied Biology/Chemistry—CORD	1743.x#xx

1_22: Biological Science	
1_22A: Biological Science, Basic	
Biology—First Year	1711.1#xx
Biology—First Year	1711.2#xx
Biology—First Year	1711.3#xx
1_22B: Biological Science, Regular	
Biology—First Year	1711.4#xx
Biology—First Year	1711.7#xx
Biology—Advanced Studies	1712.4#x2
1_22C: Biological Science, Adv. & Honors	
Biology—First Year	1711.5#xx
Biology—Advanced Studies	1712.5#x2
1_22D: Biological Science, Specialized Topics	
Anatomy and Physiology	1713.x#xx
Biology—Specific Topics	1714.x#xx
Environmental Science	1751.x#xx
Marine Science	1771.x#xx
1_22E: Biological Science, AP/IB	
AP Biology	1715.x#xx
IB Biology	1716.x#xx
1_23: Chemistry	
1_23A: Chemistry, Basic	
Chemistry—First Year	1721.1#xx
Chemistry—First Year	1721.2#xx
Chemistry—First Year	1721.3#xx
Chemistry in the Community	1722.3#xx
1_23B: Chemistry, Regular	
Chemistry—First Year	1721.4#xx
Chemistry—First Year	1721.7#xx
Chemistry in the Community	1722.4#xx
Chemistry—Advanced Studies	1723.4#x2
1_23C: Chemistry, Adv. & Honors	
Chemistry—First Year	1721.5#xx
Chemistry—Advanced Studies	1723.5#x2
1_23D: Chemistry, Specialized Topics	
Chemistry—Specific Topics	1724.x#xx
1_23E: Chemistry, AP/IB	
AP Chemistry	1725.x#xx
IB Chemistry	1726.x#xx
1_24: Physics	
1_24A: Physics, Basic	
Physics—First Year	1731.3#xx
1_24B: Physics, Regular	
Physics—First Year	1731.4#xx
Physics—First Year	1731.7#xx
Principles of Technology	1732.x#xx
Physics—Advanced Studies	1733.4#x2

1_24C: Physics, Adv. & Honors	
Physics—First Year	1731.5#xx
Physics—Advanced Studies	1733.5#xx
1_24D: Physics, Specialized Topics	
Physics—Specific Topics	1734.x#xx
Astronomy	1761.x#xx
1_24E: Physics, AP/IB	
AP Physics B	1735.x#xx
AP Physics C	1736.x#xx
IB Physics	1737.x#xx
1_25: Earth Science	
1_25A: Earth Science, Basic	
Earth Science	1701.1#xx
Earth Science	1701.2#xx
Earth Science	1701.3#xx
1_25B: Earth Science, Regular	
Earth Science	1701.4#xx
Earth Science	1701.7#xx
1_25C: Earth Science, Adv. & Honors	
Earth Science	1701.5#xx
1_25D: Earth Science, Specialized Topics	
Geology	1702.x#xx
1_26: Physical Science	
1_26A: Physical Science, Basic	
Physical Science	1703.1#xx
Physical Science	1703.2#xx
Physical Science	1703.3#xx
1_26B: Physical Science, Regular	
Physical Science	1703.4#xx
Physical Science	1703.7#xx
1_26C: Physical Science, Adv. & Honors	
Physical Science	1703.5#xx
1_26D: Physical Science, Specialized Topics	
IB Physical Science	1704.x#xx
1_27: Engineering	
Science Technology/Engineering	1781.x#xx
1_3: English	
1_31: English Survey	
1_31A: English Survey, Language Skills	
Language Arts Laboratory	1009.x#xx
Assisted Reading	1031.x#xx
1_31B: English Survey, Grades 7 & 8	
1_31C: English Survey, ESE/Functional	
1_31C1: English Survey, ESE/Functional, Grade 9	
English/Language Arts I (9th grade)	1001.2#x1
English/Literature (lower level)	1005.2#x1
English/Composition (lower level)	1007.2#x1

1_31C2: English Survey, ESE/Functional, Grade 10	
English/Language Arts II (10th grade)	1002.2#x2
English/Literature (lower level)	1005.2#x2
English/Composition (lower level)	1007.2#x2
1_31C3: English Survey, ESE/Functional, Grade 11	
English/Language Arts III (11th grade)	1003.2#x3
English/Literature (upper level)	1006.2#x3
English/Composition (upper level)	1008.2#x3
1_31C4: English Survey, ESE/Functional, Grade 12	
English/Language Arts IV (12th grade)	1004.2#x4
English/Literature (upper level)	1006.2#x4
English/Composition (upper level)	1008.2#x4
1_31D: English Survey, Basic	
1_31D1: English Survey, Basic, Grade 9	
English/Language Arts I (9th grade)	1001.1#x1
English/Language Arts I (9th grade)	1001.3#x1
English/Literature (lower level)	1005.1#x1
English/Literature (lower level)	1005.3#x1
English/Composition (lower level)	1007.1#x1
English/Composition (lower level)	1007.3#x1
1_31D2: English Survey, Basic, Grade 10	
English/Language Arts II (10th grade)	1002.1#x2
English/Language Arts II (10th grade)	1002.3#x2
English/Literature (lower level)	1005.1#x2
English/Literature (lower level)	1005.3#x2
English/Composition (lower level)	1007.1#x2
English/Composition (lower level)	1007.3#x2
1_31D3: English Survey, Basic, Grade 11	
English/Language Arts III (11th grade)	1003.1#x3
English/Language Arts III (11th grade)	1003.3#x3
English/Literature (upper level)	1006.1#x3
English/Literature (upper level)	1006.3#x3
English/Composition (upper level)	1008.1#x3
English/Composition (upper level)	1008.3#x3
Applied Communications—AIT	1072.x#x3
1_31D4: English Survey, Basic, Grade 12	
English/Language Arts IV (12th grade)	1004.1#x4
English/Language Arts IV (12th grade)	1004.3#x4
English/Literature (upper level)	1006.1#x4
English/Literature (upper level)	1006.3#x4
English/Composition (upper level)	1008.1#x4
English/Composition (upper level)	1008.3#x4
Applied Communications—AIT	1072.x#x4
1_31E: English Survey, Regular	
1_31E1: English Survey, Regular, Grade 9	
English/Language Arts I (9th grade)	1001.4#x1
English/Language Arts I (9th grade)	1001.7#x1
English/Literature (lower level)	1005.4#x1

English/Literature (lower level)	1005.7#x1
English/Composition (lower level)	1007.4#x1
English/Composition (lower level)	1007.7#x1
1_31E2: English Survey, Regular, Grade 10	
English/Language Arts II (10th grade)	1002.4#x2
English/Language Arts II (10th grade)	1002.7#x2
English/Literature (lower level)	1005.4#x2
English/Literature (lower level)	1005.7#x2
English/Composition (lower level)	1007.4#x2
English/Composition (lower level)	1007.7#x2
1_31E3: English Survey, Regular, Grade 11	
English/Language Arts III (11th grade)	1003.4#x3
English/Language Arts III (11th grade)	1003.7#x3
English/Literature (upper level)	1006.4#x3
English/Literature (upper level)	1006.7#x3
English/Composition (upper level)	1008.4#x3
English/Composition (upper level)	1008.7#x3
Business/Applied English	1071.x#x3
1_31E4: English Survey, Regular, Grade 12	
English/Language Arts IV (12th grade)	1004.4#x4
English/Language Arts IV (12th grade)	1004.7#x4
English/Literature (upper level)	1006.4#x4
English/Literature (upper level)	1006.7#x4
English/Composition (upper level)	1008.4#x4
English/Composition (upper level)	1008.7#x4
Business/Applied English	1071.x#x4
1_31F: English Survey, Advanced and Honors	
1_31F1: English Survey, Adv. & Honors, Grade 9	
English/Language Arts I (9th grade)	1001.5#x1
English/Language Arts I (9th grade)	1001.6#x1
English/Literature (lower level)	1005.5#x1
English/Literature (lower level)	1005.6#x1
English/Composition (lower level)	1007.5#x1
English/Composition (lower level)	1007.6#x1
1_31F2: English Survey, Adv. & Honors, Grade 10	
English/Language Arts II (10th grade)	1002.5#x2
English/Language Arts II (10th grade)	1002.6#x2
English/Literature (lower level)	1005.5#x2
English/Literature (lower level)	1005.6#x2
English/Composition (lower level)	1007.5#x2
English/Composition (lower level)	1007.6#x2
1_31F3: English Survey, Adv. & Honors, Grade 11	
English/Language Arts III (11th grade)	1003.5#x3
English/Language Arts III (11th grade)	1003.6#x3
English/Literature (upper level)	1006.5#x3
English/Literature (upper level)	1006.6#x3
English/Composition (upper level)	1008.5#x3
English/Composition (upper level)	1008.6#x3

1_31F4: English Survey, Adv. & Honors, Grade 12	
English/Language Arts IV (12th grade)	1004.5#x4
English/Language Arts IV (12th grade)	1004.6#x4
English/Literature (upper level)	1006.5#x4
English/Literature (upper level)	1006.6#x4
English/Composition (upper level)	1008.5#x4
English/Composition (upper level)	1008.6#x4
1_31G: English Survey, AP/IB	
AP English Language and Composition	1012.5#xx
AP English Literature and Composition	1013.5#xx
IB Language A (English)	1014.5#xx
1_32: Literature	
Literature	1010.x#xx
Advanced Reading	1032.x#xx
Literature/Fine Arts	1042.x#xx
English Aide	1093.x#xx
English Language and Literature—Independent Study	1096.x#xx
English Language and Literature—Other	1099.x#xx
1_33: Composition and Writing	
Composition	1011.x#xx
Creative Writing	1021.x#xx
Technical Writing	1022.x#xx
English Morphology and Grammar	1051.x#xx
1_34: Speech	
Public Speaking	1081.x#xx
Forensics—Inclusive	1082.x#xx
Forensics—Debate	1083.x#xx
Forensics—Individual Event	1084.x#xx
1_35: English as a Second Language	
English as a Second Language	1061.8#x1
English as a Second Language	1061.8#x2
English as a Second Language	1061.8#x3
English as a Second Language	1061.8#x4
1_4: Social Studies	
1_41: American History	
1_41A: American History, Basic	
U.S. History—Comprehensive	2721.1#xx
U.S. History—Comprehensive	2721.3#xx
Early U.S. History	2723.1#xx
U.S. History—Laboratory	2723.2#xx
Early U.S. History	2723.3#xx
Modern U.S. History	2724.1#xx
Modern U.S. History	2724.3#xx
1_41B: American History, Regular	
U.S. History—Comprehensive	2721.4#xx
U.S. History—Comprehensive	2721.7#xx
Early U.S. History	2723.4#xx
Early U.S. History	2723.7#xx

Modern U.S. History	2724.4#xx
Modern U.S. History	2724.7#xx
1_41C: American History, Adv. & Honors	
U.S. History—Comprehensive	2721.5#xx
Early U.S. History	2723.5#xx
Modern U.S. History	2724.5#xx
1_41D: American History, Specialized Topics	
Issues of American Culture	2223.x#xx
State-Specific Studies	2726.x#xx
U.S. Ethnic/Gender Studies	2727.x#xx
U.S. History—Other	2729.x#xx
1_41E: American History, AP/IB	
AP U.S. History	2725.x#xx
1_42: World History	
1_42A: World History, Basic	
World History—Overview	2704.1#xx
World History—Overview	2704.3#xx
World History—Laboratory	2705.2#xx
World History and Geography	2706.1#xx
World History and Geography	2706.3#xx
Modern World History	2707.1#xx
Modern World History	2707.3#xx
Western Civilization	2753.1#xx
Western Civilization	2753.3#xx
1_42B: World History, Regular	
World History—Overview	2704.4#xx
World History—Overview	2704.7#xx
World History and Geography	2706.4#xx
World History and Geography	2706.7#xx
Modern World History	2707.4#xx
Modern World History	2707.7#xx
Western Civilization	2753.4#xx
Western Civilization	2753.7#xx
1_42C: World History, Adv. & Honors	
World History—Overview	2704.5#xx
World History and Geography	2706.5#xx
Modern World History	2707.5#xx
Western Civilization	2753.5#xx
1_42D: World History, Specialized Topics	
Modern European History	2709.x#xx
Ancient Civilizations	2711.x#xx
Medieval European History	2712.x#xx
Ancient and Medieval History	2713.x#xx
World Area Studies	2714.x#xx
1_42E: World History, AP/IB	
IB History	2708.x#xx
AP European History	2710.x#xx

1_43: Government and Politics	
1_43A: Government and Politics, Basic	
U.S. Government—Comprehensive	2730.1#xx
U.S. Government—Comprehensive	2730.3#xx
U.S. Government—Laboratory	2731.2#xx
Principles of Democracy	2739.1#xx
Principles of Democracy	2739.3#xx
Government and Politics—Other	2740.1#xx
Government and Politics—Other	2740.3#xx
1_43B: Government and Politics, Regular	
U.S. Government—Comprehensive	2730.4#xx
U.S. Government—Comprehensive	2730.7#xx
Principles of Democracy	2739.4#xx
Principles of Democracy	2739.7#xx
1_43C: Government and Politics, Adv. & Honors	
U.S. Government—Comprehensive	2730.5#xx
Principles of Democracy	2739.5#xx
1_43D: Government and Politics, Specialized Topics	
Topics in U.S. Government	2732.x#xx
Political Science	2733.x#xx
Comparative Government	2734.x#xx
International Relations	2735.x#xx
Government and Politics—Other	2740.x#xx
1_43E: Government and Politics, AP/IB	
AP U.S. Government and Politics	2736.x#xx
AP Comparative Government and Politics	2737.x#xx
AP Government	2738.x#xx
1_44: Economics	
1_44A: Economics, Basic	
Economics	2741.1#xx
Economics	2741.3#xx
Comparative Economics	2742.1#xx
Comparative Economics	2742.3#xx
1_44B: Economics, Regular	
Economics	2741.4#xx
Economics	2741.7#xx
Comparative Economics	2742.4#xx
Comparative Economics	2742.7#xx
1_44C: Economics, Adv. & Honors	
Economics	2741.5#xx
Comparative Economics	2742.5#xx
1_44D: Economics, Specialized Topics	
1_44E: Economics, AP/IB	
AP Microeconomics	2743.x#xx
AP Macroeconomics	2744.x#xx
AP Economics	2745.x#xx
IB Economics	2746.x#xx

1_45: Behavioral Sciences	
1_45A: Behavioral Sciences, Basic	
Psychology	2771.3#xx
1_45B: Behavioral Sciences, Regular	
Psychology	2771.4#xx
Sociology	2775.4#xx
1_45C: Behavioral Sciences, Adv. & Honors	
Psychology	2771.5#xx
Sociology	2775.5#xx
1_45D: Behavioral Sciences, Specialized Topics	
Topics in Psychology	2772.x#xx
Topics in Sociology	2776.x#xx
1_45E: Behavioral Sciences, AP/IB	
AP Psychology	2773.x#xx
IB Psychology	2774.x#xx
1_46: Geography	
1_46A: Geography, Basic	
World Geography	2701.1#xx
World Geography	2701.3#xx
Topics in Geography	2702.1#xx
Topics in Geography	2702.3#xx
1_46B: Geography, Regular	
World Geography	2701.4#xx
World Geography	2701.7#xx
Topics in Geography	2702.4#xx
Topics in Geography	2702.7#xx
1_46C: Geography, Adv. & Honors	
World Geography	2701.5#xx
Topics in Geography	2702.5#xx
1_46D: Geography, Specialized Topics	
1_46E: Geography, AP/IB	
IB Geography	2703.x#xx
1_47: Social Science, Humanities, and Other	
1_47A: Social Science, Humanities, and Other, Basic	
Humanities Survey	2201.3#xx
Humanities	2202.3#xx
Issues of Western Humanities	2203.3#xx
Contemporary U.S. Issues	2751.3#xx
Contemporary World Issues	2752.3#xx
Law Studies	2761.3#xx
Consumer Law	2762.3#xx
Business Law	2763.3#xx
Legal System	2764.3#xx
Social Science	2770.3#xx
Sociology	2775.3#xx
Anthropology	2777.3#xx
Philosophy	2780.3#xx

1_47B: Social Science, Humanities, and Other, Regular	
Humanities Survey	2201.4#xx
Humanities	2202.4#xx
Issues of Western Humanities	2203.4#xx
Contemporary U.S. Issues	2751.4#xx
Contemporary World Issues	2752.4#xx
Law Studies	2761.4#xx
Consumer Law	2762.4#xx
Business Law	2763.4#xx
Legal System	2764.4#xx
Social Science	2770.4#xx
Anthropology	2777.4#xx
Philosophy	2780.4#xx
1_47C: Social Science, Humanities, and Other, Adv. & Honors	
Humanities Survey	2201.5#xx
Humanities	2202.5#xx
Issues of Western Humanities	2203.5#xx
Contemporary U.S. Issues	2751.5#xx
Contemporary World Issues	2752.5#xx
Law Studies	2761.5#xx
Consumer Law	2762.5#xx
Business Law	2763.5#xx
Legal System	2764.5#xx
Social Science	2770.5#xx
Anthropology	2777.5#xx
Philosophy	2780.5#xx
1_47D: Social Science, Humanities, and Other, Specialized Topics	
Topics in Anthropology	2778.x#xx
Topics in Philosophy	2781.x#xx
Modern Intellectual History	2782.x#xx
Social Science Research	2786.x#xx
Social Sciences and History—Independent Study	2796.x#xx
Social Sciences and History—Other	2799.x#xx
1_47E: Social Science, Humanities, and Other, AP/IB	
IB Theory of Knowledge	2211.x#xx
IB Social Anthropology	2779.x#xx
IB Philosophy	2783.x#xx
IB Organization Studies	2785.x#xx
1_5: Fine Arts	
1_51: Visual Arts	
1_51A: Visual Arts, Basic	
1_51B: Visual Arts, Regular and Advanced	
Art Appreciation	1151.x#xx
Art History	1152.x#xx
Creative Art—Comprehensive	1161.x#xx
Creative Art—Drawing/Painting	1162.x#xx
Creative Art—Sculpture	1163.x#xx

Ceramics/Pottery	1164.x#xx
Printmaking/Graphics	1165.x#xx
Textiles	1166.x#xx
Crafts	1167.x#xx
Photography	1171.x#xx
Film/Videotape	1172.x#xx
Computer-Assisted Art	1175.x#xx
Art Portfolio	1181.x#xx
Visual Art—Independent Study	1186.x#xx
Visual Art—Other	1189.x#xx
Integrated Fine Arts	1194.x#xx
Fine and Performing Art—Related Subjects	1195.x#xx
Fine and Performing Art—Independent Study	1196.x#xx
Fine and Performing Art—Other	1199.x#xx
1_51C: Visual Arts, AP/IB	
AP Art—History of Art	1153.x#xx
AP Studio Art—General Portfolio	1182.x#xx
AP Studio Art—Drawing Portfolio	1183.x#xx
IB Art/Design	1184.x#xx
1_52: Music	
1_52A: Music, Basic	
1_52B: Music, Regular and Advanced	
General Band	1120.x#xx
Concert/Marching Band	1121.x#xx
Concert Band	1122.x#xx
Marching Band	1123.x#xx
Orchestra	1124.x#xx
Contemporary Band	1125.x#xx
Instrumental Ensembles	1126.x#xx
Piano	1127.x#xx
Guitar	1128.x#xx
Individual Technique—Instrumental Music	1129.x#xx
Chorus	1130.x#xx
Vocal Ensembles	1131.x#xx
Individual Technique—Vocal Music	1132.x#xx
Music Theory	1141.x#xx
Music History/Appreciation	1144.x#xx
Music—Independent Study	1146.x#xx
Music—Other	1149.x#xx
1_52C: Music, AP/IB	
AP Music Theory	1142.x#xx
IB Music	1143.x#xx
1_53: Dance	
Dance Technique	1101.x#xx
Dance Repertory	1102.x#xx
Expressive Movement	1103.x#xx
Dance Appreciation	1105.x#xx

Dance—Independent Study	1106.x#xx
Dance—Other	1109.x#xx
1_54: Theater Arts	
Introduction to the Theater	1111.x#xx
Drama/Stagecraft—Comprehensive	1112.x#xx
Drama—Acting/Performance	1113.x#xx
Drama—Stagecraft	1114.x#xx
Directing	1115.x#xx
Playwriting	1116.x#xx
History and Literature of the Theater	1117.x#xx
Drama/Stagecraft—Independent Study	1118.x#xx
Drama/Stagecraft—Other	1119.x#xx
1_6: Non-English Languages	
1_61: Non-English Language—Spanish	
1_61A: Non-English Language—Spanish, Yr 1	
Spanish	1201.x#x1
Spanish for Native Spanish Speakers	1271.x#x1
1_61B: Non-English Language—Spanish, Yr 2	
Spanish	1201.x#x2
Spanish for Native Spanish Speakers	1271.x#x2
1_61C: Non-English Language—Spanish, Yr 3	
Spanish	1201.x#x3
Spanish for Native Spanish Speakers	1271.x#x3
1_61D: Non-English Language—Spanish, Yr 4+	
Spanish	1201.x#x4
Spanish for Native Spanish Speakers	1271.x#x4
1_61E: Non-English Language—Spanish, AP/IB	
AP Spanish Language	1202.x#xx
AP Spanish Literature	1203.x#xx
1_62: Non-English Language—French	
1_62A: Non-English Language—French, Yr 1	
French	1205.x#x1
1_62B: Non-English Language—French, Yr 2	
French	1205.x#x2
1_62C: Non-English Language—French, Yr 3	
French	1205.x#x3
1_62D: Non-English Language—French, Yr 4+	
French	1205.x#x4
1_62E: Non-English Language—French, AP/IB	
AP French Language	1206.x#xx
AP French Literature	1207.x#xx
1_63: Non-English Language—German	
1_63A: Non-English Language—German, Yr 1	
German	1210.x#x1
1_63B: Non-English Language—German, Yr 2	
German	1210.x#x2
1_63C: Non-English Language—German, Yr 3	
German	1210.x#x3

1_63D: Non-English Language—German, Yr 4+ German	1210.x#x4
1_63E: Non-English Language—German, AP/IB AP German Language	1211.x#xx
1_64: Non-English Language—Latin	
1_64A: Non-English Language—Latin, Yr 1 Latin	1215.x#x1
1_64B: Non-English Language—Latin, Yr 2 Latin	1215.x#x2
1_64C: Non-English Language—Latin, Yr 3 Latin	1215.x#x3
1_64D: Non-English Language—Latin, Yr 4+ Latin	1215.x#x4
1_64E: Non-English Language—Latin, AP/IB AP Latin (Vergil, Catullus and Horace)	1216.x#xx
1_65: Non-English Language—Italian	
1_65A: Non-English Language—Italian, Yr 1 Italian	1208.x#x1
1_65B: Non-English Language—Italian, Yr 2 Italian	1208.x#x2
1_65C: Non-English Language—Italian, Yr 3 Italian	1208.x#x3
1_65D: Non-English Language—Italian, Yr 4+ Italian	1208.x#x4
1_65E: Non-English Language—Italian, AP/IB	
1_66: Non-English Language—Other	
1_66A: Non-English Language—Other, Yr 1 Portuguese	1212.x#x1
Russian	1213.x#x1
Other European languages	1214.x#x1
Greek	1217.x#x1
Hebrew	1218.x#x1
Mandarin	1221.x#x1
Cantonese	1222.x#x1
Japanese	1223.x#x1
Korean	1224.x#x1
Vietnamese	1225.x#x1
Tagalog or other Filipino language	1226.x#x1
Other East Asian, Southeast Asian, or Pacific Island languages	1227.x#x1
Other Asian languages	1228.x#x1
Native American languages	1231.x#x1
African languages	1241.x#x1
Other languages	1251.x#x1
Language for Native Speakers	1272.x#x1
Sign Language	1281.x#x1

1_66B: Non-English Language—Other, Yr 2

Portuguese	1212.x#x2
Russian	1213.x#x2
Other European languages	1214.x#x2
Greek	1217.x#x2
Hebrew	1218.x#x2
Mandarin	1221.x#x2
Cantonese	1222.x#x2
Japanese	1223.x#x2
Korean	1224.x#x2
Vietnamese	1225.x#x2
Tagalog or other Filipino language	1226.x#x2
Other East Asian, Southeast Asian, or Pacific Island languages	1227.x#x2
Other Asian languages	1228.x#x2
Native American languages	1231.x#x2
African languages	1241.x#x2
Other languages	1251.x#x2
Language for Native Speakers	1272.x#x2
Sign Language	1281.x#x2

1_66C: Non-English Language—Other, Yr 3

Portuguese	1212.x#x3
Russian	1213.x#x3
Other European languages	1214.x#x3
Greek	1217.x#x3
Hebrew	1218.x#x3
Mandarin	1221.x#x3
Cantonese	1222.x#x3
Japanese	1223.x#x3
Korean	1224.x#x3
Vietnamese	1225.x#x3
Tagalog or other Filipino language	1226.x#x3
Other East Asian, Southeast Asian, or Pacific Island languages	1227.x#x3
Other Asian languages	1228.x#x3
Native American languages	1231.x#x3
African languages	1241.x#x3
Other languages	1251.x#x3
Language for Native Speakers	1272.x#x3
Sign Language	1281.x#x3

1_66D: Non-English Language—Other, Yr 4+

German	1210.x#x4
Portuguese	1212.x#x4
Russian	1213.x#x4
Other European languages	1214.x#x4
Greek	1217.x#x4
Hebrew	1218.x#x4
Mandarin	1221.x#x4
Cantonese	1222.x#x4
Japanese	1223.x#x4

Korean	1224.x#x4
Vietnamese	1225.x#x4
Tagalog or other Filipino language	1226.x#x4
Other East Asian, Southeast Asian, or Pacific Island languages	1227.x#x4
Other Asian languages	1228.x#x4
Native American languages	1231.x#x4
African languages	1241.x#x4
Other languages	1251.x#x4
Language for Native Speakers	1272.x#x4
Sign Language	1281.x#x4
1_66E: Non-English Language—Other, AP/IB	
IB Language A (non-English)	1261.x#xx
IB Language B	1262.x#xx
IB Classical Languages	1263.x#xx
1_67: Non-English Language, General/Survey	
Foreign Language and Literature—Independent Study	1296.x#xx
Foreign Language and Literature—Other	1299.x#xx
2: VOCATIONAL EDUCATION CURRICULUM	
2_A: Family and Consumer Sciences Education	
2_AA: Family and Consumer Sciences Ed, 1st Crse	
Consumer Home Economics—General	0502.x#x1
Food & Nutrition	0503.x#x1
Food Science	0504.x#x1
Child Development/Parenting	0505.x#x1
Clothing/Sewing	0506.x#x1
Life Skills	0513.x#x1
Self Management	0514.x#x1
Family Living	0515.x#x1
Personal Development	0516.x#x1
Consumer Economics/Personal Finance	0517.x#x1
Home Furnishing	0523.x#x1
Home Maintenance	0524.x#x1
Special Education Home Maintenance	0525.x#x1
Consumer and Homemaking Education—Integrated	0526.x#x1
2_AB: Family and Consumer Sciences Education, >=2nd Crse	
Consumer Home Economics—General	0502.x#x2
Food & Nutrition	0503.x#x2
Food Science	0504.x#x2
Child Development/Parenting	0505.x#x2
Clothing/Sewing	0506.x#x2
Family Living	0515.x#x2
Home Furnishing	0523.x#x2
Home Maintenance	0524.x#x2
Special Education Home Maintenance	0525.x#x2
Consumer and Homemaking Education—Integrated	0526.x#x2
2_AC: Family and Consumer Sciences Education, Spec. Crse	
Consumer and Homemaking Education—Other	0599.x#xx

2_B: General Labor Market Preparation (GLMP)**2_B1: GLMP, Basic Keyboarding/Typewriting****2_B2: GLMP, Industrial Arts**

General Industrial Arts	1611.x#xx
Materials and Processes	1612.x#xx
Metal and Wood Technology	1613.x#xx

2_B3: GLMP, Career Preparation/General Work Experience

Career Exploration	1603.x#xx
Employability Skills	1604.x#xx
Diversified Occupations	1605.x#xx
Work Experience	1606.x#xx
Industrial/Technology Education—Related Subjects	1695.x#xx
Industrial/Technology Education—Independent Study	1696.x#xx
Industrial/Technology Education—OJT	1697.x#xx
Industrial/Technology Education—Co-op	1698.x#xx
Industrial/Technology Education—Other	1699.x#xx

2_B4: GLMP, Technology Education

Production Systems	1623.x#xx
Technology Systems	1625.x#xx
Energy/Power	0963.x#xx

2_B5: GLMP, Other

Industrial Safety/First Aid	1614.x#xx
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2_C: Specific Labor Market Preparation (SLMP)**2_C01: SLMP - Agriculture and Renewable Resources****2_C01A: Agriculture and Renewable Resources, 1st Crse**

Introduction to Agriculture	0101.x#x0
Agriculture—Comprehensive	0102.x#x1
Agriculture Mechanics/Equipment/Structures	0103.x#x1
Animal Production/Science	0104.x#x1
Plant Production/Science	0105.x#x1
Agricultural Production	0106.x#x1
Agricultural Management	0107.x#x1
General Horticulture	0108.x#x1
Ornamental Horticulture	0109.x#x1
Wildlife Management	0113.x#x1
Forestry	0114.x#x1
Natural Resources Management	0115.x#x1
Animal Processing	0123.x#x1
Agricultural Processing	0124.x#x1

2_C01B: Agriculture and Renewable Resources, >=2nd Crse

Agriculture—Comprehensive	0102.x#x2
Agriculture—Comprehensive	0102.x#x3
Agriculture—Comprehensive	0102.x#x4
Agriculture Mechanics/Equipment/Structures	0103.x#x2
Agriculture Mechanics/Equipment/Structures	0103.x#x3
Agriculture Mechanics/Equipment/Structures	0103.x#x4
Animal Production/Science	0104.x#x2

Animal Production/Science	0104.x#x3
Animal Production/Science	0104.x#x4
Plant Production/Science	0105.x#x2
Plant Production/Science	0105.x#x3
Plant Production/Science	0105.x#x4
Agricultural Production	0106.x#x2
Agricultural Production	0106.x#x3
Agricultural Production	0106.x#x4
Agricultural Management	0107.x#x2
Agricultural Management	0107.x#x3
Agricultural Management	0107.x#x4
General Horticulture	0108.x#x2
General Horticulture	0108.x#x3
General Horticulture	0108.x#x4
Ornamental Horticulture	0109.x#x2
Ornamental Horticulture	0109.x#x3
Ornamental Horticulture	0109.x#x4
Wildlife Management	0113.x#x2
Wildlife Management	0113.x#x3
Wildlife Management	0113.x#x4
Forestry	0114.x#x2
Forestry	0114.x#x3
Forestry	0114.x#x4
Natural Resources Management	0115.x#x2
Natural Resources Management	0115.x#x3
Natural Resources Management	0115.x#x4
Animal Processing	0123.x#x2
Animal Processing	0123.x#x3
Animal Processing	0123.x#x4
Agricultural Processing	0124.x#x2
Agricultural Processing	0124.x#x3
Agricultural Processing	0124.x#x4
2_C01C: Agriculture and Renewable Resources, Specialty Crse	
Agriculture—Related Subjects	0195.x#xx
Agriculture—Other	0199.x#xx
2_C01D: Agriculture and Renewable Resources, Coop/Work Experience	
Agriculture—OJT	0197.x#xx
Agriculture—Co-op	0198.x#xx
2_C02: SLMP - Business	
2_C021: Business Management	
2_C021A: Business Management, 1st Crse	
Business/Office Career Exploration	0201.x#x1
Introductory Business	0221.x#x1
Business Management	0223.x#x1
Entrepreneurship	0224.x#x1
Banking and Finance	0225.x#x1

2_C021B: Business Management, >=2nd Crse	
Business/Office Career Exploration	0201.x#x2
Business/Office Career Exploration	0201.x#x3
Business Management	0223.x#x2
Business Management	0223.x#x3
Entrepreneurship	0224.x#x2
Entrepreneurship	0224.x#x3
Banking and Finance	0225.x#x2
Banking and Finance	0225.x#x3
2_C021C: Business Management, Specialty Crse	
Business—Independent Study	0296.x#xx
Business—Other	0299.x#xx
2_C021D: Business Management, Coop/Work Experience	
Business—OJT	0297.x#xx
Business—Co-op	0298.x#xx
2_C022: Business Services	
2_C022A: Business Services, 1st Crse	
Office Procedures—Comprehensive	0202.x#x1
Office Services	0203.x#x1
Keyboarding	0204.x#x1
Word Processing	0205.x#x1
Recordkeeping	0206.x#x1
Accounting	0207.x#x1
Notetaking	0208.x#x1
Shorthand	0209.x#x1
Office Machines	0210.x#x1
Business Computer Applications	0303.x#x1
2_C022B: Business Services, >=2nd Crse	
Office Procedures—Comprehensive	0202.x#x2
Office Procedures—Comprehensive	0202.x#x3
Office Services	0203.x#x2
Office Services	0203.x#x3
Keyboarding	0204.x#x2
Keyboarding	0204.x#x3
Word Processing	0205.x#x2
Word Processing	0205.x#x3
Recordkeeping	0206.x#x2
Recordkeeping	0206.x#x3
Accounting	0207.x#x2
Accounting	0207.x#x3
Notetaking	0208.x#x2
Notetaking	0208.x#x3
Shorthand	0209.x#x2
Shorthand	0209.x#x3
Office Machines	0210.x#x2
Office Machines	0210.x#x3
Business Computer Applications	0303.x#x2

2_C022C: Business Services, Specialty Crse	
Business—Independent Study	0296.x#xx
Business—Other	0299.x#xx
2_C022D: Business Services, Coop/Work Experience	
Business—OJT	0297.x#xx
Business—Co-op	0298.x#xx
2_C03: SLMP - Marketing and Distribution	
2_C03A: Marketing and Distribution, 1st Crse	
Marketing Career Exploration	1801.x#x0
Marketing—General	1802.x#x1
Marketing—Fashion	1803.x#x1
Marketing—Real Estate	1804.x#x1
Marketing—Transportation	1805.x#x1
Marketing—Other Specialization	1806.x#x1
Marketing Management	1826.x#x1
2_C03B: Marketing and Distribution, >=2nd Crse	
Marketing—General	1802.x#x2
Marketing—Fashion	1803.x#x2
Marketing—Real Estate	1804.x#x2
Marketing—Transportation	1805.x#x2
Marketing—Other Specialization	1806.x#x2
Marketing Management	1826.x#x2
2_C03C: Marketing and Distribution, Specialty Crse	
Warehouse Operations	1813.x#xx
Retail Marketing	1814.x#xx
Cashier/Checker Operations	1815.x#xx
Principles of Marketing	1823.x#xx
Principles of Advertising	1824.x#xx
Principles of Selling	1825.x#xx
Marketing—Independent Study	1896.x#xx
Marketing—Other	1899.x#xx
2_C03D: Marketing and Distribution, Coop/Work Experience	
Marketing—OJT	1897.x#xx
Marketing—Co-op	1898.x#xx
2_C04: SLMP - Health Care	
2_C04A: Health Care, 1st Crse	
Health Care Occupations Career Exploration	1501.x#x0
Health Care Occupations	1502.x#x1
Allied Health Occupations	1503.x#x1
Nursing	1504.x#x1
Nursing—LPN	1505.x#x1
Home Health Care	1506.x#x1
Medical/Clerical Assisting	1513.x#x1
Medical Office	1514.x#x1
Medical Lab Technology	1515.x#x1
Emergency Medical Technology	1517.x#x1
Central Service Technology	1519.x#x1
Dental Assisting	1523.x#x1

Dental Laboratory Technology	1524.x#x1
2_C04B: Health Care, >=2nd Crse	
Health Care Occupations	1502.x#x2
Allied Health Occupations	1503.x#x2
Nursing	1504.x#x2
Nursing—LPN	1505.x#x2
Home Health Care	1506.x#x2
Medical/Clerical Assisting	1513.x#x2
Medical Office	1514.x#x2
Medical Lab Technology	1515.x#x2
Emergency Medical Technology	1517.x#x2
Central Service Technology	1519.x#x2
Dental Assisting	1523.x#x2
Dental Laboratory Technology	1524.x#x2
2_C04C: Health Care, Specialty Crse	
EKG Technology	1516.x#xx
Surgical Technology	1518.x#xx
Vision Care Assisting	1533.x#xx
Health Care Sciences—Related Subjects	1595.x#xx
Health Care Sciences—Independent Study	1596.x#xx
Health Care Sciences—Other	1599.x#xx
2_C04D: Health Care, Coop/Work Experience	
Health Care Sciences—OJT	1597.x#xx
Health Care Sciences—Co-op	1598.x#xx
2_C05: SLMP - Public and Protective Services	
2_C05A: Public and Protective Services, 1st Crse	
Exploration of Public Service Careers	2501.x#x1
Community Protection	2503.x#x1
Community Protection	2503.x#x2
Public Administration	2504.x#x1
Public Administration	2504.x#x2
Criminal Justice Assisting	2513.x#x1
Criminal Justice Assisting	2513.x#x2
Fire Fighting	2523.x#x1
Fire Fighting	2523.x#x2
Civil Engineering	2543.x#x1
Civil Engineering	2543.x#x2
2_C05B: Public and Protective Services, >=2nd Crse	
2_C05C: Public and Protective Services, Specialty Crse	
Educational Methodology	2534.x#xx
Public, Protective, and Social Services—Related Subjects	2595.x#xx
Public, Protective, and Social Services—Independent Study	2596.x#xx
Public, Protective, and Social Services—Other	2599.x#xx
2_C05D: Public and Protective Services, Coop/Work Experience	
Public, Protective, and Social Services—OJT	2597.x#xx
Public, Protective, and Social Services—Co-op	2598.x#xx

2_C06: SLMP - Trade and Industry**2_C061: (T&I) Construction Trades****2_C061A: (T&I) Construction Trades, 1st Crse**

Construction Careers Exploration	0401.x#x0
Construction	0402.x#x1
Carpentry	0414.x#x1
Framing Carpentry	0415.x#x1
Masonry	0423.x#x1
Plumbing	0438.x#x1
Exploration of Electricity/Electronics	0441.x#x0
Electricity—Comprehensive	0442.x#x1
Residential Wiring	0443.x#x1
Electricity/Electronics—General	0462.x#x1
Building Maintenance	0473.x#x1

2_C061B: (T&I) Construction Trades, >=2nd Crse

Construction	0402.x#x2
Carpentry	0414.x#x2
Framing Carpentry	0415.x#x2
Masonry	0423.x#x2
Plumbing	0438.x#x2
Electricity—Comprehensive	0442.x#x2
Residential Wiring	0443.x#x2
Electricity/Electronics—General	0462.x#x2
Building Maintenance	0473.x#x2

2_C061C: (T&I) Construction Trades, Specialty Crse

Particular Topics in Carpentry	0416.x#xx
Particular Topics in Electricity	0445.x#xx
Particular Topics in Electricity/Electronics	0463.x#xx
Electricity/Electronics—Related Subjects	0494.x#xx
Construction Trades—Related Subjects	0495.x#xx
Construction Trades—Other	0499.x#xx

2_C061D: (T&I) Construction Trades, Coop/Work Experience

Construction Trades—OJT	0497.x#xx
Construction Trades—Co-op	0498.x#xx

2_C062: (T&I) Mechanics and Repair**2_C062A: (T&I) Mechanics and Repair, 1st Crse**

Air Conditioning	0431.x#x1
Refrigeration	0432.x#x1
Heating	0433.x#x1
Air Conditioning/Refrigeration	0434.x#x1
Air Conditioning/Heating/Refrigeration	0435.x#x1
Heating/Ventilation/Air Conditioning	0436.x#x1
Plumbing and Heating	0439.x#x1
Industrial Electricity	0444.x#x1
Introduction to Automobiles	0901.x#x0
Introduction to Mechanics/Transportation	0911.x#x1
Automotive Mechanics—Comprehensive	0912.x#x1
Automotive Service	0914.x#x1

Diesel Mechanics—General	0915.x#x1
Motorcycle Mechanics	0917.x#x1
Small Engine Mechanics	0918.x#x1
Marine Mechanics	0919.x#x1
Aircraft Power Plant	0922.x#x1
Aircraft Airframe	0923.x#x1
Automotive Detailing and Reconditioning	0933.x#x1
Automotive Body Repair and Refinishing—General	0942.x#x1
Boat Repair/Refinishing	0944.x#x1
Appliance Repair	1633.x#x1
Equipment Maintenance and Repair	1634.x#x1
2_C062B: (T&I) Mechanics and Repair, >=2nd Crse	
Air Conditioning	0431.x#x2
Refrigeration	0432.x#x2
Heating	0433.x#x2
Air Conditioning/Refrigeration	0434.x#x2
Air Conditioning/Heating/Refrigeration	0435.x#x2
Heating/Ventilation/Air Conditioning	0436.x#x2
Plumbing and Heating	0439.x#x2
Industrial Electricity	0444.x#x2
Introduction to Mechanics/Transportation	0911.x#x2
Automotive Mechanics—Comprehensive	0912.x#x2
Automotive Service	0914.x#x2
Diesel Mechanics—General	0915.x#x2
Motorcycle Mechanics	0917.x#x2
Small Engine Mechanics	0918.x#x2
Marine Mechanics	0919.x#x2
Aircraft Power Plant	0922.x#x2
Aircraft Airframe	0923.x#x2
Automotive Detailing and Reconditioning	0933.x#x2
Automotive Body Repair and Refinishing—General	0942.x#x2
Boat Repair/Refinishing	0944.x#x2
Appliance Repair	1633.x#x2
Equipment Maintenance and Repair	1634.x#x2
2_C062C: (T&I) Mechanics and Repair, Specialty Crse	
Particular Topics in HVACR	0437.x#xx
Particular Topics in Automotive Mechanics	0913.x#xx
Particular Topics in Diesel Mechanics	0916.x#xx
Particular Topics in Automotive Body Repair and Refinishing	0943.x#xx
2_C062D: (T&I) Mechanics and Repair, Coop/Work Experience	
2_C063: (T&I) Precision Production	
2_C0631: (T&I) Precision Production (Drafting/Graphics/Printing)	
2_C0631A: (T&I) Precision Production (Dr/Gr/Pr), 1st Crse	
Drafting Careers Exploration	0701.x#x1
Drafting—General	0702.x#x1
Drafting—Architectural	0703.x#x1
Drafting—Civil/Structural	0704.x#x1

Drafting—Electrical/Electronic	0705.x#x1
Drafting—Technical/Mechanical	0706.x#x1
CAD Design and Software	0707.x#x1
Blueprint Reading—General	0712.x#x1
Communication Exploration	1300.x#x0
Graphic Communication Exploration	1300.x#x0
Printing Careers Exploration	1300.x#x0
Graphic Arts/Printing	1313.x#x1
Commercial Art	1323.x#x1
Commercial Photography	1333.x#x1
2_C0631B: (T&I) Prec. Prod. (Drafting/Graphics/Printing), >=2nd Crse	
Drafting—General	0702.x#x2
Drafting—Architectural	0703.x#x2
Drafting—Civil/Structural	0704.x#x2
Drafting—Electrical/Electronic	0705.x#x2
Drafting—Technical/Mechanical	0706.x#x2
CAD Design and Software	0707.x#x2
Blueprint Reading—General	0712.x#x2
Graphic Arts/Printing	1313.x#x2
Commercial Art	1323.x#x2
Commercial Photography	1333.x#x2
2_C0631C: (T&I) Prec. Prod. (Drafting/Graphics/Printing), Specialty Crse	
Blueprint Reading—Related	0713.x#xx
Drafting—Related Subjects	0795.x#xx
Drafting—Independent Study	0796.x#xx
Drafting—Other	0799.x#xx
Graphic and Printing Communication—Related Subjects	1395.x#xx
Graphic and Printing Communication—OJT	1397.x#xx
Graphic and Printing Communication—Other	1399.x#xx
2_C0632: (T&I) Precision Production (Metals/Woods/Plastics)	
2_C0632A: (T&I) Prec. Prod. (Metals/Woods/Plastics), 1st Crse	
Woodworking	0417.x#x1
Cabinetmaking	0418.x#x1
Manufacturing Systems	1624.x#x1
Machining	2403.x#x1
Metalworking	2412.x#x1
Sheet Metal	2413.x#x1
Welding	2414.x#x1
2_C0632B: (T&I) Prec. Prod. (Metals/Woods/Plastics), >=2nd Crse	
Woodworking	0417.x#x2
Cabinetmaking	0418.x#x2
Manufacturing Systems	1624.x#x2
Machining	2403.x#x2
Metalworking	2412.x#x2
Sheet Metal	2413.x#x2
Welding	2414.x#x2

2_C0632C: (T&I) Prec. Prod. (Metals/Woods/Plastics), Specialty Crse	
Particular Topics in Machining	2404.x#xx
Particular Topics in Welding	2415.x#xx
Precision Metalwork—Related Subjects	2495.x#xx
Precision Metalwork—Independent Study	2496.x#xx
Precision Metalwork—Other	2499.x#xx
2_C0633: (T&I) Precision Production (Other)	
2_C0633A: (T&I) Precision Production (Other), 1st Crse	
Electronics—General	0452.x#x1
Upholstery	1643.x#x1
2_C0633B: (T&I) Precision Production (Other,) >=2nd Crse	
Electronics—General	0452.x#x2
Upholstery	1643.x#x2
2_C0633C: (T&I) Precision Production (Other), Specialty Crse	
Particular Topics in Electronics	0453.x#xx
2_C0634: (T&I) Precision Production, Coop/Work Experience	
Drafting—OJT	0797.x#xx
Drafting—Co-op	0798.x#xx
Graphic and Printing Communication—Co-op	1398.x#xx
Precision Metalwork—OJT	2497.x#xx
Precision Metalwork—Co-op	2498.x#xx
2_C064: (T&I) Transportation and Material Moving	
2_C064A: (T&I) Transportation and Material Moving, 1st Crse	
Aviation	0953.x#x1
Barge and Boat Operation	0954.x#x1
2_C064B: (T&I) Transportation and Material Moving, >=2nd Crse	
Aviation	0953.x#x2
Barge and Boat Operation	0954.x#x2
2_C064C: (T&I) Transportation and Material Moving, Specialty Crse	
Transportation Technology—Related Subjects	0995.x#xx
Transportation Technology—Other	0999.x#xx
2_C064D: (T&I) Transportation and Material Moving, Coop/Work Experience	
Transportation Technology—OJT	0997.x#xx
Transportation Technology—Co-op	0998.x#xx
2_C07: Technology and Communications	
2_C071: Computer Technology	
2_C071A: Computer Technology, 1st Crse	
Basic Computer	0301.x#x1
General Computer Applications	0302.x#x1
Business Programming	0313.x#x1
Data Systems/Processing	0314.x#x1
Computer Graphics	0315.x#x1
Computing Systems	0316.x#x1
Computer Technology	0317.x#x1
Network Technology	0318.x#x1
Computer Science/Programming	0323.x#x1
BASIC Programming	0324.x#x1
Pascal Programming	0325.x#x1

Computer Math—Algebra I level	2068.x#x1
Computer Math—Algebra II level	2069.x#x1
Computer Math—Pre-Calculus level	2070.x#x1
2_C071B: Computer Technology, >=2nd Crse	
2_C071BA: Computer Technology, >=2nd Crse, non-AP/IB	
Basic Computer	0301.x#x2
General Computer Applications	0302.x#x2
Business Programming	0313.x#x2
Data Systems/Processing	0314.x#x2
Computer Graphics	0315.x#x2
Computing Systems	0316.x#x2
Computer Technology	0317.x#x2
Network Technology	0318.x#x2
Computer Science/Programming	0323.x#x2
BASIC Programming	0324.x#x2
Pascal Programming	0325.x#x2
Computer Math—Algebra I level	2068.x#x2
Computer Math—Algebra II level	2069.x#x2
Computer Math—Pre-Calculus level	2070.x#x2
2_C071BB: Computer Technology, >=2nd Crse, AP/IB	
AP Computer Science	0327.x#xx
IB Computing Studies	0328.x#xx
2_C071C: Computer Technology, Specialty Crse	
Computer Programming—Other Language	0326.x#xx
Computer and Information Sciences—Related Subjects	0395.x#xx
Computer and Information Sciences—Independent Study	0396.x#xx
Computer and Information Sciences—Other	0399.x#xx
2_C071D: Computer Technology, Coop/Work Experience	
Computer and Information Sciences—OJT	0397.x#xx
Computer and Information Sciences—Co-op	0398.x#xx
2_C072: Communication Technology	
2_C072A: Communication Technology, 1st Crse	
Journalism	1902.x#x1
Mass Media—Production	1911.x#x1
Mass Media—Communications	1921.x#x1
Photojournalism	1931.x#x1
2_C072B: Communication Technology, >=2nd Crse	
Journalism	1902.x#x2
Mass Media—Production	1911.x#x2
Mass Media—Communications	1921.x#x2
Photojournalism	1931.x#x2
2_C072C: Communication Technology, Specialty Crse	
Mass Communication—Independent Study	1996.x#xx
Mass Communication—Other	1999.x#xx
2_C072D: Communication Technology, Coop/Work Experience	

2_C073: Other Technologies	
2_C073A: Other Technologies, 1st Crse	
Emergent Technologies	1626.x#x1
Research and Development	1627.x#x1
2_C073B: Other Technologies, >=2nd Crse	
Emergent Technologies	1626.x#x2
Research and Development	1627.x#x2
2_C073C: Other Technologies, Specialty Crse	
2_C073D: Other Technologies, Coop/Work Experience	
2_C08: SLMP - Personal and Other Services	
2_C08A: Personal and Other Services, 1st Crse	
Cosmetology—Licensing	0603.x#x1
Barbering	0604.x#x1
Cosmetology—Non-licensing	0605.x#x1
Home Economics Career Exploration	2901.x#x0
Clothing/Textiles	2932.x#x1
Home Furnishings Production	2933.x#x1
Institutional Maintenance	2952.x#x1
2_C08B: Personal and Other Services, >=2nd Crse	
Cosmetology—Licensing	0603.x#x2
Barbering	0604.x#x2
Cosmetology—Non-licensing	0605.x#x2
Clothing/Textiles	2932.x#x2
Home Furnishings Production	2933.x#x2
Institutional Maintenance	2952.x#x2
2_C08C: Personal and Other Services, Specialty Crse	
Cosmetology—Nail Specialization	0606.x#xx
Cosmetology—Facial Specialization	0607.x#xx
Cosmetology—Related Subjects	0695.x#xx
Cosmetology—Other	0699.x#xx
Vocational Home Economics—Related Subjects	2995.x#xx
Vocational Home Economics—Other	2999.x#xx
2_C08D: Personal and Other Services, Coop/Work Experience	
Cosmetology—OJT	0697.x#xx
Cosmetology—Co-op	0698.x#xx
Vocational Home Economics—OJT	2997.x#xx
Vocational Home Economics—Co-op	2998.x#xx
2_C09: SLMP - Food Service and Hospitality	
2_C09A: Food Service and Hospitality, 1st Crse	
Food Service	2912.x#x1
Food Service and Nutrition	2913.x#x1
Hospitality—General	2942.x#x1
Hospitality—Food Service emphasis	2943.x#x1
Hospitality—Hotel/Motel emphasis	2944.x#x1
Travel/Tourism	2945.x#x1

2_C09B: Food Service and Hospitality, >=2nd Crse	
Food Service	2912.x#x2
Food Service and Nutrition	2913.x#x2
Hospitality—General	2942.x#x2
Hospitality—Food Service emphasis	2943.x#x2
Hospitality—Hotel/Motel emphasis	2944.x#x2
Travel/Tourism	2945.x#x2
2_C09C: Food Service and Hospitality, Specialty Crse	
2_C09D: Food Service and Hospitality, Coop/Work Experience	
2_C10: SLMP - Child Care and Education	
2_C10A: Child Care and Education, 1st Crse	
Teacher Assisting	2533.x#x1
Teacher Assisting	2533.x#x2
Child Care	2923.x#x1
Elder Care	2924.x#x1
2_C10B: Child Care and Education, >=2nd Crse	
Child Care	2923.x#x2
Elder Care	2924.x#x2
2_C10C: Child Care and Education, Specialty Crse	
2_C10D: Child Care and Education, Coop/Work Experience	
2_C11: SLMP, Unidentified Subject	
OJT—Non-specified Program	1607.x#xx
Co-op—Non-specified Program	1608.x#xx
3: ENRICHMENT/OTHER CURRICULUM	
3_1: General Skills	
3_1A: General Skills, Enrichment	
Standardized Test Preparation	0801.x#xx
State Test Preparation	0802.x#xx
Study Skills	0803.x#xx
Study Hall	0833.x#xx
Leadership	0841.x#xx
School Orientation	0842.x#xx
School Governance	0843.x#xx
Executive Internship with Seminar	0852.x#xx
Executive Internship without Seminar	0853.x#xx
Values Clarification	0861.x#xx
Seminar	0862.x#xx
Independent Research	0896.x#xx
Elective Activities—Other	0899.x#xx
Travel Program	2224.x#xx
3_1B: General Skills, Assistance	
Dropout Prevention Program	0811.x#xx
Tutorial	0832.x#xx

3_1C: General Skills, Service

Student Aide	0821.x#xx
Office Aide	0822.x#xx
Teacher Aide	0823.x#xx
Guidance Aide	0824.x#xx
Library/AVC Aide	0825.x#xx
Tutoring Practicum	0831.x#xx
Community Service	0851.x#xx

3_2: Health, Physical, and Recreational Education

Health Education	1401.x#xx
Health and Fitness	1402.x#xx
Community Health	1403.x#xx
Special Needs Health Education	1404.x#xx
Safety and First Aid	1405.x#xx
Health for Parenting Teens	1406.x#xx
Health and Life Management	1407.x#xx
Drivers' Education—Classroom only	1411.x#xx
Drivers' Education—Classroom and Laboratory	1412.x#xx
Health/Drivers' Education	1413.x#xx
Health Education—Other	1499.x#xx
Physical Education	2301.x#xx
Physical Education/Health	2302.x#xx
Physical Education/Drivers' Education	2303.x#xx
Team Sports	2311.x#xx
Individual/Dual Sports	2312.x#xx
Recreation Sports	2313.x#xx
Fitness/Conditioning Activities	2314.x#xx
Corps Movement	2315.x#xx
Adapted Physical Education	2316.x#xx
Gymnastics	2321.x#xx
Weight Training	2322.x#xx
Swimming	2323.x#xx
Tennis	2324.x#xx
Specific Sports Activities	2325.x#xx
Physical Education Equivalent	2331.x#xx
Off-Campus Sports	2332.x#xx
Lifetime Fitness Education	2341.x#xx
Sports Physiology	2351.x#xx
Physical Education—Other	2399.x#xx

3_3: Religion and Theology

Religious Foundations	2601.x#xx
Comparative Religion	2605.x#xx
Eastern Religions	2606.x#xx
Western Religions	2607.x#xx
Scriptures	2611.x#xx
Bible History	2612.x#xx
Christology	2615.x#xx
Liturgy and Prayer	2621.x#xx

Ethics and Morality	2631.x#xx
Justice, Peace, and Faith	2632.x#xx
Christian Lifestyles	2635.x#xx
Ministry	2641.x#xx
Ministry—Other	2642.x#xx
Religious Education and Theology—Related Subjects	2695.x#xx
Religious Education and Theology—Independent Study	2696.x#xx
Religious Education and Theology—Other	2699.x#xx
3_4: Military Science	
Introduction to ROTC	2111.x#xx
Military ROTC	2112.x#xx
ROTC Drill	2121.x#xx
Military Science—Related Subjects	2195.x#xx
Military Science—Other	2199.x#xx
4: SPECIAL EDUCATION CURRICULUM	
Special Resources	2802.2#xx
Community Living	2803.2#xx
Mobility Instruction	2804.2#xx
Communication Instruction	2805.2#xx
Social Development Instruction	2806.2#xx
Transition	2807.2#xx
Special/Exceptional Education—Other	2899.2#xx
* American Literature/History	1041
Not able to fit into SST without optional subject area codes:	
Team-Taught Block	2221.x#xx
Thematic Integration	2222.x#xx
Multi/Interdisciplinary Studies—Other	2299.x#xx

Appendix A

Professional Work Group

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Appendix B

Effects of the Revision

Table 1 Average Number of Academic, Vocational, and Enrichment/Other Credits Earned by 1992 Graduates, by Selected Background Characteristics

	Average Academic Credit		Average Vocational Credit		Average Enrichment/Other Credit	
	RT	SST	RT	SST	RT	SST
Total	17.29	17.47	3.77	3.55	2.80	2.84
Sex						
Male	16.80	16.97	3.87	3.67	3.00	3.02
Female	17.79	17.96	3.67	3.42	2.59	2.67
Race/Ethnicity						
Asian	18.15	18.37	3.27	3.00	3.18	3.24
Hispanic	16.66	16.92	3.96	3.65	3.12	3.17
Black, non-Hispanic	16.60	16.73	3.96	3.81	2.78	2.81
White, non-Hispanic	17.45	17.62	3.74	3.52	2.73	2.78
Native American	15.71	15.93	4.75	4.45	2.95	3.04
Parents' Highest Education						
Less than high school	16.00	16.18	4.68	4.46	2.69	2.73
High school only	16.23	16.39	4.64	4.43	2.62	2.66
Some postsecondary	17.10	17.28	3.98	3.76	2.87	2.91
Four-year degree	18.56	18.78	2.90	2.62	2.86	2.91
Advanced degree	19.55	19.69	2.07	1.87	2.77	2.83
High School Type						
Public	17.12	17.30	3.98	3.76	2.64	2.69
Private	19.00	19.17	1.63	1.39	4.32	4.39
Socioeconomic Status						
Lowest quartile	15.76	15.92	4.91	4.70	2.69	2.73
26-50%	16.44	16.61	4.46	4.25	2.84	2.88
51-75%	17.57	17.76	3.62	3.38	2.87	2.92
Highest quartile	19.13	19.30	2.39	2.15	2.78	2.85
LEP Status						
LEP	16.29	16.41	4.22	4.09	3.27	3.27
Not LEP	17.48	17.66	3.69	3.46	2.78	2.82
IEP/Disability Status						
Has IEP/disability	14.16	14.27	5.66	5.54	3.38	3.40
No IEP/disability	17.37	17.55	3.71	3.48	2.78	2.83

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

Table 2a Average Number of Academic Credits Earned by 1992 Graduates, by Academic Area and by Selected Background Characteristics

	Average Mathematics Credit		Average Science Credit		Average English Credit		Average Social Studies Credit	
	RT	SST	RT	SST	RT	SST	RT	SST
Total	3.27	3.44	2.9	2.90	4.24	4.19	3.57	3.6
Sex								
Male	3.28	3.45	2.9	2.90	4.18	4.14	3.55	3.58
Female	3.26	3.43	2.91	2.91	4.29	4.24	3.60	3.63
Race/Ethnicity								
Asian	3.47	3.67	3.19	3.19	4.34	4.11	3.55	3.56
Hispanic	3.14	3.39	2.61	2.61	4.38	4.25	3.38	3.42
Black, non-Hispanic	3.29	3.42	2.76	2.76	4.24	4.20	3.58	3.60
White, non-Hispanic	3.28	3.44	2.95	2.95	4.21	4.19	3.60	3.63
Native American	2.95	3.16	2.54	2.54	4.20	4.09	3.64	3.65
Parents' Highest Education								
Less than high school	3.08	3.29	2.55	2.55	4.25	4.18	3.41	3.43
High school only	3.08	3.25	2.64	2.64	4.17	4.13	3.50	3.53
Some postsecondary	3.23	3.40	2.88	2.88	4.21	4.18	3.54	3.57
Four-year degree	3.46	3.66	3.21	3.21	4.26	4.25	3.70	3.73
Advanced degree	3.72	3.85	3.45	3.45	4.32	4.32	3.79	3.81
High School Type								
Public	3.21	3.38	2.88	2.88	4.23	4.18	3.55	3.58
Private	3.84	4.02	3.19	3.19	4.33	4.31	3.86	3.87
Socioeconomic Status								
Lowest quartile	3.02	3.20	2.56	2.56	4.27	4.15	3.43	3.45
26-50%	3.12	3.29	2.69	2.69	4.19	4.14	3.52	3.55
51-75%	3.31	3.50	2.97	2.97	4.21	4.18	3.55	3.58
Highest quartile	3.61	3.77	3.31	3.31	4.29	4.27	3.77	3.80
LEP Status								
LEP	3.2	3.34	2.67	2.67	4.3	4.04	3.45	3.47
Not LEP	3.3	3.47	2.95	2.95	4.23	4.21	3.59	3.62
IEP/Disability Status								
Has IEP/disability	2.78	2.88	2.17	2.17	4.12	4.07	3.19	3.22
No IEP/disability	3.29	3.46	2.93	2.93	4.24	4.19	3.58	3.60

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

Table 2b Average Number of Academic Credits Earned by 1992 Graduates, by Academic Area and by Selected Background Characteristics

	Average Fine Arts Credit		Average Non-English Language Credit	
	RT	SST	RT	SST
Total	1.59	1.59	1.72	1.74
Sex				
Male	1.39	1.39	1.49	1.52
Female	1.79	1.79	1.95	1.97
Race/Ethnicity				
Asian	1.39	1.39	2.23	2.44
Hispanic	1.43	1.43	1.71	1.81
Black, non-Hispanic	1.43	1.43	1.29	1.31
White, non-Hispanic	1.64	1.64	1.77	1.77
Native American	1.51	1.51	0.87	0.97
Parents' Highest Education				
Less than high school	1.39	1.39	1.30	1.33
High school only	1.49	1.49	1.34	1.35
Some postsecondary	1.61	1.61	1.62	1.62
Four-year degree	1.82	1.82	2.11	2.12
Advanced degree	1.71	1.71	2.56	2.56
High School Type				
Public	1.62	1.62	1.64	1.67
Private	1.31	1.31	2.48	2.48
Socioeconomic Status				
Lowest quartile	1.33	1.33	1.16	1.23
26-50%	1.51	1.51	1.41	1.43
51-75%	1.74	1.74	1.78	1.79
Highest quartile	1.73	1.73	2.41	2.42
LEP Status				
LEP	1.28	1.28	1.38	1.59
Not LEP	1.63	1.63	1.78	1.78
IEP/Disability Status				
Has IEP/disability	1.45	1.45	0.45	0.48
No IEP/disability	1.58	1.58	1.76	1.79

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

Table 3 Average Number of Vocational Credits Earned by 1992 Graduates, by Vocational Category and by Selected Background Characteristics

	Family and consumer sciences <u>education</u>		General labor market <u>preparation</u>		Specific labor market <u>preparation</u>	
	RT	SST	RT	SST	RT	SST
Total	0.51	0.51	0.58	0.66	2.68	2.38
Sex						
Male	0.34	0.34	0.59	0.66	2.94	2.68
Female	0.68	0.68	0.58	0.66	2.41	2.08
Race/Ethnicity						
Asian	0.35	0.35	0.50	0.54	2.42	2.11
Hispanic	0.44	0.44	0.67	0.73	2.85	2.47
Black, non-Hispanic	0.68	0.68	0.62	0.72	2.66	2.41
White, non-Hispanic	0.50	0.50	0.57	0.64	2.66	2.37
Native American	0.50	0.50	0.59	0.65	3.66	3.30
Parents' Highest Education						
Less than high school	0.65	0.65	0.77	0.87	3.26	2.93
High school only	0.69	0.69	0.70	0.80	3.25	2.94
Some postsecondary	0.54	0.54	0.60	0.67	2.84	2.54
Four-year degree	0.39	0.39	0.45	0.48	2.06	1.75
Advanced degree	0.24	0.24	0.31	0.35	1.52	1.28
High School Type						
Public	0.54	0.54	0.61	0.69	2.83	2.53
Private	0.20	0.20	0.30	0.34	1.13	0.85
Socioeconomic Status						
Lowest quartile	0.72	0.72	0.74	0.85	3.45	3.13
26-50%	0.63	0.63	0.71	0.81	3.12	2.81
51-75%	0.46	0.46	0.55	0.62	2.61	2.31
Highest quartile	0.31	0.31	0.39	0.42	1.69	1.42
LEP Status						
LEP	0.54	0.54	0.63	0.73	3.05	2.82
Not LEP	0.51	0.51	0.56	0.63	2.62	2.32
IEP/Disability Status						
Has IEP/disability	0.83	0.83	0.88	0.97	3.95	3.74
No IEP/disability	0.50	0.50	0.57	0.64	2.64	2.34

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

Table 4 Average Number of Vocational Credits Earned by 1992 Graduates, by GLMP Vocational Category and by Selected Background Characteristics

	Average general labor market preparation credit*							
	Basic keyboarding/ typewriting		Industrial arts		Career prep./ general work exp.		Technology education	
	RT	SST	RT	SST	RT	SST	RT	SST
Total	0.34	0.34	0.09	0.10	0.15	0.15	0.01	NA
Sex								
Male	0.27	0.27	0.16	0.18	0.14	0.15	0.02	NA
Female	0.41	0.41	0.02	0.02	0.15	0.15	0.01	NA
Race/Ethnicity								
Asian	0.26	0.26	0.04	0.05	0.19	0.19	0.01	NA
Hispanic	0.38	0.38	0.07	0.08	0.20	0.20	0.01	NA
Black, non-Hispanic	0.34	0.34	0.08	0.10	0.19	0.19	0.01	NA
White, non-Hispanic	0.34	0.34	0.09	0.11	0.13	0.13	0.01	NA
Native American	0.33	0.33	0.08	0.10	0.16	0.16	0.02	NA
Parents' Highest Education								
Less than high school	0.43	0.43	0.13	0.15	0.19	0.19	0.02	NA
High school only	0.38	0.38	0.13	0.16	0.15	0.15	0.03	NA
Some postsecondary	0.36	0.36	0.09	0.10	0.13	0.14	0.01	NA
Four-year degree	0.30	0.30	0.06	0.06	0.09	0.09	0.01	NA
Advanced degree	0.22	0.22	0.03	0.03	0.06	0.06	0.00	NA
High School Type								
Public	0.34	0.34	0.10	0.11	0.16	0.16	0.02	NA
Private	0.25	0.25	0.01	0.01	0.04	0.04	0.00	NA
Socioeconomic Status								
Lowest quartile	0.40	0.40	0.14	0.16	0.19	0.19	0.02	NA
26-50%	0.40	0.40	0.11	0.13	0.18	0.18	0.03	NA
51-75%	0.34	0.34	0.08	0.09	0.12	0.12	0.01	NA
Highest quartile	0.26	0.26	0.04	0.05	0.09	0.09	0.01	NA
LEP Status								
LEP	0.35	0.35	0.12	0.13	0.15	0.16	0.00	NA
Not LEP	0.34	0.34	0.08	0.10	0.12	0.12	0.01	NA
IEP/Disability Status								
Has IEP/disability	0.20	0.20	0.19	0.20	0.48	0.49	0.02	NA
No IEP/disability	0.34	0.34	0.09	0.10	0.13	0.13	0.01	NA

*General Labor Market Preparation, Other is not shown.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

Table 5 Average Number of Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Major Taxonomy Categories

	<u>Mean Credits Earned</u>		<u>Percentage of Students</u>	
	RT	SST	RT	SST
Academic Curriculum	17.29	17.47	100.00	100.00
Mathematics	3.27	3.44	99.91	99.93
Science	2.90	2.90	99.80	99.80
English	4.24	4.19	100.00	99.98
Social Studies	3.57	3.60	99.99	99.99
Fine Arts	1.59	1.59	75.46	75.46
Non-English (<i>Foreign</i>) Language	1.72	1.74	75.33	75.65
Vocational Curriculum	3.77	3.55	96.73	94.96
Family and Consumer Sciences	0.51	0.51	43.25	43.26
General Labor Market Preparation	0.58	0.66	58.33	60.50
Specific Labor Market Preparation	2.68	2.38	91.34	84.99
Enrichment/Other (<i>Personal/Other</i>) Curriculum	2.80	2.84	98.77	98.79
General Skills	0.28	0.31	27.82	29.81
Health, Physical, & Recreational Educ.	2.22	2.23	97.87	97.87
Religion and Theology	0.25	0.25	9.16	9.16
Military Science	0.05	0.05	2.29	2.29
Special Education Curriculum	0.00	0.00	0.00	0.00

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

Table 6 Average Number of Academic Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories

	<u>Mean Credits Earned</u>		<u>Percentage of Students</u>	
	RT	SST	RT	SST
All Academic Coursework	17.29	17.47	100.00	100.00
Mathematics	3.27	3.44	99.91	99.93
General Mathematics	0.33	0.22	23.47	16.94
Mathematics, Basic	NA	0.09	NA	7.98
Mathematics, Applied	NA	0.34	NA	41.64
Consumer Mathematics	0.09	NA	10.32	NA
Pre-Algebra	0.25	0.28	24.50	25.10
Algebra I	0.70	0.72	69.33	70.39
Geometry	0.68	0.70	66.85	69.87
Algebra 2 through Pre-Calculus <i>(previously, Adv. Mathematics—Alg)</i>	0.88	0.66	60.75	59.08
Advanced Mathematics	0.14	NA	15.00	NA
Unified Mathematics	0.13	NA	7.22	NA
Occupationally Related Mathematics	0.07	NA	7.59	NA
Science	2.90	2.90	99.80	99.80
Survey <i>(and Other)</i> Science	0.18	0.82	17.92	74.70
Biological Science	1.19	1.19	94.43	94.43
Chemistry	0.60	0.61	56.32	56.52
Physics	0.28	0.29	27.24	27.50
Earth Science	0.20	NA	21.51	NA
Physical Science	0.44	NA	44.47	NA
Engineering	0.00	NA	0.47	NA
English	4.24	4.19	100.00	99.98
English Survey	3.49	3.49	99.65	99.65
Literature	0.33	0.33	29.80	29.80
Composition and Writing	0.26	0.24	27.80	26.17
Speech	0.13	0.13	19.31	19.29
English as a Second Language	0.03	NA	1.12	NA

Table 6 Average Number of Academic Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories—continued

	<u>Mean Credits Earned</u>		<u>Percentage of Students</u>	
	RT	SST	RT	SST
Social Studies	3.57	3.60	99.99	99.99
American History	1.05	1.07	93.12	93.44
World History	0.67	0.67	66.52	66.52
(American) Government and Politics	0.64	0.63	80.32	80.09
Economics	0.26	NA	49.10	NA
Behavioral Sciences	0.26	NA	33.80	NA
Geography	0.21	NA	25.89	NA
Social Sciences, Humanities, and Other	0.48	1.23	39.57	86.80
Fine Arts	1.59	1.59	75.46	75.46
Visual Arts (<i>Fine Arts & Crafts</i>)	0.66	0.66	48.78	48.78
Music	0.77	0.77	35.23	35.23
Drama/Dance	NA	0.16	NA	14.35
Dance	0.06	NA	4.77	NA
Theater Arts	0.11	NA	10.55	NA
Non-English (<i>Foreign</i>) Language	1.72	1.74	75.33	75.65
Non-English Language—Spanish	1.01	1.00	49.23	48.44
Non-English Language—French	0.47	0.47	21.15	21.15
Non-English Language—German	0.11	0.11	5.26	5.26
Non-English Language—Latin	0.08	0.08	4.27	4.27
Non-English Language—Italian	0.01	NA	0.61	NA
Non-English Language—Other	0.03	0.02	2.00	1.00
Non-English Language, General/Survey	0.00	NA	0.15	NA
English as a Second Language	NA	0.07	NA	4.01

NA—Not applicable.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

Table 7 Average Number of Mathematics Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories

	<u>Mean Credits Earned</u>		<u>Percentage of Students</u>	
	RT	SST	RT	SST
All Mathematics Coursework	3.27	3.44	99.91	99.93
General Mathematics	0.33	0.22	23.47	16.94
General Mathematics, ESE/Functional	0.02	NA	0.96	NA
General Mathematics, Basic	0.09	NA	7.98	NA
General Mathematics, Regular	0.20	NA	16.25	NA
General Mathematics, Other	0.02	NA	1.34	NA
Consumer Mathematics	0.09	NA	10.32	NA
Consumer Mathematics, ESE/Functional	0.00	NA	0.13	NA
Consumer Mathematics, Regular	0.09	NA	10.21	NA
Pre-Algebra	0.25	0.28	24.50	25.10
Algebra I	0.70	0.72	69.33	70.39
Geometry	0.68	0.70	66.85	69.87
Algebra 2 through Pre-Calculus	0.88	0.66	60.75	59.08
Advanced Mathematics	0.14	NA	15.00	NA
Advanced Mathematics, Calculus	0.10	NA	10.43	NA
Advanced Mathematics, AP/IB*	0.00	NA	0.00	NA
Advanced Mathematics, Other	0.04	NA	5.52	NA
Unified Mathematics	0.13	NA	7.22	NA
Occupationally-Related Mathematics	0.07	NA	7.59	NA
Occ-Rel. Mathematics, ESE/Functional	0.00	NA	0.09	NA
Occ-Rel. Mathematics, Regular	0.07	NA	7.53	NA

NA—Not applicable.

*The AP/IB category is empty because NELS:88 transcripts were coded using CSSC codes before AP/IB-specific codes were designed.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

Table 8 Average Number of Science Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories

	<u>Mean Credits Earned</u>		<u>Percentage of Students</u>	
	RT	SST	RT	SST
All Science Coursework	2.90	2.90	99.80	99.80
Survey Science	0.18	0.82	17.92	74.70
Survey Science, Basic	0.16	0.78	16.14	72.41
Survey Science, Specialized Topics	0.01	0.04	1.43	4.19
Survey Science, Integrated/Unified Topics	0.01	NA	0.59	NA
Biological Science	1.19	1.19	94.43	94.43
Biological Science, Basic	0.10	0.10	10.26	10.26
Biological Science, Regular	0.76	0.82	75.90	76.84
Biological Science, Adv/Honors	0.21	0.14	19.55	13.49
Biological Science, Specialized Topics	0.13	0.13	14.64	14.62
Biological Science, AP/IB*	0.00	NA	0.00	NA
Chemistry	0.60	0.61	56.32	56.52
Chemistry, Basic	0.10	0.10	9.85	10.27
Chemistry, Regular	0.46	0.46	45.94	45.94
Chemistry, Adv/Honors	0.04	0.04	4.51	4.51
Chemistry, Specialized Topics	0.00	0.00	0.48	0.48
Chemistry, AP/IB*	0.00	NA	0.00	NA
Physics	0.28	0.29	27.24	27.50
Physics, Basic	0.04	0.04	4.29	4.29
Physics, Regular	0.19	0.19	19.49	19.51
Physics, Adv/Honors	0.03	0.03	3.21	3.24
Physics, Specialized Topics	0.02	0.02	2.37	2.62
Physics, AP/IB*	0.00	NA	0.00	NA
Earth Science	0.20	NA	21.51	NA
Earth Science, Basic	0.00	NA	0.00	NA
Earth Science, Regular	0.19	NA	20.12	NA
Earth Science, Adv/Honors	0.01	NA	1.49	NA
Earth Science, Specialized Topics	0.00	NA	0.02	NA

Table 8 Average Number of Science Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories—continued

	<u>Mean Credits Earned</u>		<u>Percentage of Students</u>	
	RT	SST	RT	SST
Physical Science	0.44	NA	44.47	NA
Physical Science, Basic	0.02	NA	2.74	NA
Physical Science, Regular	0.41	NA	42.20	NA
Physical Science, Adv/Honors	0.00	NA	0.00	NA
Physical Science, Specialized Topics	0.00	NA	0.00	NA
Engineering	0.00	NA	0.47	NA

NA—Not applicable.

*The AP/IB categories are empty because NELS:88 transcripts were coded using CSSC codes before AP/IB-specific codes were designed.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

Table 9 Average Number of English Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories

	<u>Mean Credits Earned</u>		<u>Percentage of Students</u>	
	RT	SST	RT	SST
All English Coursework	4.24	4.19	100.00	99.98
English Survey	3.49	3.49	99.65	99.65
English Survey, Remedial English	NA	0.15	NA	11.23
English Survey, Language Skills	0.09	NA	9.77	NA
English Survey, 7&8	0.00	0.00	0.04	0.02
English Survey, Grade 9	NA	0.94	NA	92.98
English Survey, Grade 10	NA	0.91	NA	90.62
English Survey, Grade 11	NA	0.77	NA	77.31
English Survey, Grade 12	NA	0.55	NA	55.70
English Survey, ESE/Functional	0.08	NA	4.28	NA
Engl. Survey, ESE/Funct, Grade 9	0.02	NA	2.49	NA
Engl. Survey, ESE/Funct, Grade 10	0.02	NA	2.00	NA
Engl. Survey, ESE/Funct, Grade 11	0.02	NA	1.74	NA
Engl. Survey, ESE/Funct, Grade 12	0.02	NA	1.68	NA
English Survey, Basic	0.18	NA	10.54	NA
Engl. Survey, Basic, Grade 9	0.06	NA	6.26	NA
Engl. Survey, Basic, Grade 10	0.05	NA	5.12	NA
Engl. Survey, Basic, Grade 11	0.04	NA	4.20	NA
Engl. Survey, Basic, Grade 12	0.03	NA	3.49	NA
English Survey, Regular	2.61	NA	88.79	NA
Engl. Survey, Regular, Grade 9	0.76	NA	76.09	NA
Engl. Survey, Regular, Grade 10	0.72	NA	73.47	NA
Engl. Survey, Regular, Grade 11	0.61	NA	62.10	NA
Engl. Survey, Regular, Grade 12	0.52	NA	53.97	NA
English Survey, Advanced/Honors	0.54	NA	24.32	NA
Engl. Survey, Adv/Hon, Grade 9	0.12	NA	12.27	NA
Engl. Survey, Adv/Hon, Grade 10	0.14	NA	14.36	NA
Engl. Survey, Adv/Hon, Grade 11	0.12	NA	12.64	NA
Engl. Survey, Adv/Hon, Grade 12	0.15	NA	14.98	NA
English Survey, AP/IB*	0.00	0.15	0.00	14.98
Language/Writing Skills	NA	0.03	NA	3.68
alternate version of English Survey:				
English Survey				
Below Grade Level	NA	0.18	NA	10.54
At Grade Level	NA	2.59	NA	88.45
Above Grade Level	NA	0.54	NA	24.32

Table 9 Average Number of English Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories—continued

	<u>Mean Credits Earned</u>		<u>Percentage of Students</u>	
	RT	SST	RT	SST
Literature	0.33	0.33	29.80	29.80
Composition and Writing	0.26	0.24	27.80	26.17
Speech	0.13	0.13	19.31	19.29
English as a Second Language	0.03	NA	1.12	NA

NA—Not applicable.

*The AP/IB category is empty because NELS:88 transcripts were coded using CSSC codes before AP/IB-specific codes were designed.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

Table 10 Average Number of Social Studies Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories

	<u>Mean Credits Earned</u>		<u>Percentage of Students</u>	
	RT	SST	RT	SST
All Social Studies Coursework	3.57	3.60	99.99	99.99
American History	1.05	1.07	93.12	93.44
American History, Basic	0.03	0.04	3.16	4.35
American History, Regular	0.86	0.87	79.37	79.60
American History, Adv/Honors	0.11	0.11	10.58	10.58
American History, Specialized Topics	0.05	0.05	7.35	7.35
American History, AP/IB*	0.00	NA	0.00	NA
World History	0.67	0.67	66.52	66.52
World History, Basic	0.00	NA	0.00	NA
World History, Regular	0.60	0.60	61.41	61.41
World History, Adv/Honors	0.04	0.04	3.94	3.94
World History, Specialized Topics	0.04	0.04	5.47	5.47
World History, AP/IB*	0.00	NA	0.00	NA
Government and Politics	0.64	0.63	80.32	80.09
Government and Politics, Basic	0.19	0.18	25.76	24.99
Government and Politics, Regular	0.38	0.38	57.43	57.43
Government and Politics, Adv/Honors	0.02	0.02	2.39	2.39
Government and Politics, Spec. Topics	0.05	0.05	6.38	6.38
Government and Politics, AP/IB*	0.00	NA	0.00	NA
Economics	0.26	NA	49.10	NA
Economics, Basic	0.02	NA	3.66	NA
Economics, Regular	0.23	NA	44.80	NA
Economics, Adv/Honors	0.01	NA	1.22	NA
Economics, Specialized Topics	0.00	NA	0.13	NA
Economics, AP/IB*	0.00	NA	0.00	NA
Behavioral Sciences	0.26	NA	33.80	NA
Behavioral Sciences, Basic	0.00	NA	0.00	NA
Behavioral Sciences, Regular	0.25	NA	32.73	NA
Behavioral Sciences, Adv/Honors	0.01	NA	1.24	NA
Behavioral Sciences, Specialized Topics	0.01	NA	0.88	NA
Behavioral Sciences, AP/IB*	0.00	NA	0.00	NA

Table 10 Average Number of Social Studies Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories—continued

	<u>Mean Credits Earned</u>		<u>Percentage of Students</u>	
	RT	SST	RT	SST
Geography	0.21	NA	25.89	NA
Geography, Basic	0.00	NA	0.15	NA
Geography, Regular	0.20	NA	25.55	NA
Geography, Adv/Honors	0.00	NA	0.01	NA
Geography, Specialized Topics	0.00	NA	0.18	NA
Geography, AP/IB*	0.00	NA	0.00	NA
Social Sciences, Humanities, and Other	0.48	1.23	39.57	86.80
Soc Sci, Hum, & Other, Basic	0.01	0.03	0.45	4.26
Soc Sci, Hum, & Other, Regular	0.20	0.38	17.66	39.19
Soc Sci, Hum, & Other, Adv/Honors	0.01	0.02	1.19	2.95
Soc Sci, Hum, & Other, Spec. Top.	0.27	0.80	27.18	75.86
Soc Sci, Hum, & Other, AP/IB*	0.00	NA	0.00	NA

NA—Not applicable.

*The AP/IB categories are empty because NELS:88 transcripts were coded using CSSC codes before AP/IB-specific codes were designed.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

Table 11 Average Number of Fine Arts Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories

	<u>Mean Credits Earned</u>		<u>Percentage of Students</u>	
	RT	SST	RT	SST
All Fine Arts Coursework	1.59	1.59	75.46	75.46
Visual Arts (<i>Fine Arts & Crafts</i>)	0.66	0.66	48.78	48.78
Visual Arts, Basic	0.00	0.39	0.09	34.34
Visual Arts, Regular/Advanced	0.66	0.27	48.76	24.62
Visual Arts, AP/IB*	0.00	NA	0.00	NA
Music	0.77	0.77	35.23	35.23
Music, Basic	0.02	0.02	2.35	2.35
Music, Regular/Advanced	0.75	0.75	33.60	33.60
Music, AP/IB*	0.00	NA	0.00	NA
Drama/Dance	NA	0.16	NA	14.35
Dance	0.06	NA	4.77	NA
Drama	0.11	NA	10.55	NA

NA—Not applicable.

*The AP/IB categories are empty because NELS:88 transcripts were coded using CSSC codes before AP/IB-specific codes were designed.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

Table 12 Average Number of Vocational Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Major Categories

	<u>Mean Credits Earned</u>		<u>Percentage of Students</u>	
	RT	SST	RT	SST
All Vocational Coursework	3.77	3.55	96.73	94.96
Family and Consumer Sciences	0.51	0.51	43.25	43.26
Family and Consumer Sci, 1st Crse	0.29	0.29	31.75	31.77
Family and Consumer Sci, >=2 Crse	0.08	0.08	9.32	9.32
Family and Consumer Sci, Spec. Crse	0.15	0.15	20.02	20.02
General Labor Market Preparation	0.58	0.66	58.33	60.50
Basic Keyboarding/Typewriting	0.34	0.34	43.53	43.53
Industrial Arts	0.09	0.10	7.72	8.97
Career Exploration/General Work Experience	0.15	0.15	15.68	15.72
Technology Education	0.01	NA	1.49	NA
General Labor Market Preparation, Other	0.00	0.07	0.04	7.70
Specific Labor Market Preparation	2.68	2.38	91.34	84.99
Agriculture and Renewable Resources	0.18	0.18	8.96	8.96
Business	0.80	0.81	52.90	54.22
Marketing and Distribution	0.12	0.12	7.76	7.83
Health Care	0.06	0.06	3.99	3.99
Occupational Home Economics	NA	0.16	NA	10.36
Public and Protective Services	0.01	NA	1.30	NA
Trade and Industry	0.73	0.73	32.70	32.69
T&I, Construction	0.10	0.10	4.91	4.91
T&I, Mechanics and Repair	0.15	0.15	8.74	8.72
T&I, Precision Production	0.48	0.48	27.52	27.52
T&I, Transportation and Material	0.01	0.01	0.96	0.96
Technology and Communications	0.50	0.22	52.12	23.31
T&C, Computer Technology	0.37	NA	45.81	NA
T&C, Communication Technology	0.10	NA	9.87	NA
T&C, Other Technologies	0.03	NA	2.26	NA
Personal Services	0.10	NA	6.19	NA
Food Service and Hospitality	0.03	NA	2.08	NA
Child Care and Education	0.06	NA	5.71	NA
Unidentified Subject	0.10	0.10	4.64	4.68

NA—Not applicable.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

Table 13 Average Number of Vocational Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Vocational Credit in Particular Specific Labor Market Categories

	<u>Mean Credits Earned</u>		<u>Percentage of Students</u>	
	RT	SST	RT	SST
All Specific Labor Market Preparation	2.68	2.38	91.34	84.99
Agriculture and Renewable Resources	0.18	0.18	8.96	8.96
Agr. & Renew. Resources, 1st Crse	0.10	0.10	7.29	7.29
Agr. & Renew. Resources, >=2 Crse	0.03	0.04	2.10	2.50
Agr. & Renew. Resources, Spec Crse	0.04	0.04	3.39	3.39
Agr. & Renew. Rsrcs, Coop/Work Exp	0.01	NA	0.56	NA
Business	0.80	0.81	52.90	54.22
Business Management	0.17	0.17	18.24	17.81
Business Mgmt, 1st Crse	0.08	0.13	9.60	15.67
Business Mgmt, >=2 Crse	0.00	0.01	0.00	0.55
Business Mgmt, Spec Crse	0.07	0.02	10.26	3.02
Business Mgmt, Coop/Work Exp	0.01	NA	0.55	NA
Business Services	0.63	0.65	46.08	47.70
Business Services, 1st Crse	0.39	0.39	33.45	33.36
Business Services, >=2 Crse	0.09	0.12	9.66	10.73
Business Services, Spec Crse	0.13	0.14	17.08	19.27
Business Services, Coop/Work Exp	0.02	NA	1.28	NA
Marketing and Distribution	0.12	0.12	7.76	7.83
Marketing and Dist., 1st Crse	0.05	0.05	4.45	4.56
Marketing and Dist., >=2 Crse	0.01	0.05	0.91	2.46
Marketing and Dist., Spec Crse	0.03	0.03	2.95	2.95
Marketing and Dist., Coop/Work Exp	0.03	NA	1.88	NA
Health Care	0.06	0.06	3.99	3.99
Health Care, 1st Crse	0.03	0.02	1.78	1.36
Health Care, >=2 Crse	0.00	0.01	0.02	0.60
Health Care, Spec Crse	0.01	0.02	2.00	2.45
Health Care, Coop/Work Exp	0.01	NA	0.59	NA
Public and Protective Services	0.01	NA	1.30	NA
Public/Protective Svcs, 1st Crse	0.01	NA	1.03	NA
Public/Protective Svcs, >=2 Crse	0.00	NA	0.00	NA
Public/Protective Svcs, Spec Crse	0.00	NA	0.29	NA
Public/Protective Svcs, Coop/Work Exp	0.00	NA	0.00	NA

Table 13 Average Number of Vocational Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Vocational Credit in Particular Specific Labor Market Categories—continued

	<u>Mean Credits Earned</u>		<u>Percentage of Students</u>	
	RT	SST	RT	SST
Trade and Industry	0.73	0.73	32.70	32.69
T&I, Construction Trades	0.10	0.10	4.91	4.91
Construction Trades, 1st Crse	0.06	0.06	4.59	4.59
Construction Trades, >=2 Crse	0.03	0.03	1.26	1.31
Construction Trades, Spec. Crse	0.00	0.00	0.08	0.08
Construct'n Trades, Coop/Work Exp	0.01	NA	0.15	NA
T&I, Mechanics and Repair	0.15	0.15	8.74	8.72
Mechanics & Repair, 1st Crse	0.10	0.10	8.14	8.14
Mechanics & Repair, >=2 Crse	0.05	0.05	2.42	2.45
Mechanics & Repair, Spec. Crse	0.01	0.01	0.35	0.34
Mech. & Repair, Coop/Work Exp	0.00	NA	0.08	NA
T&I, Precision Production	0.48	0.48	27.52	27.52
PP (Drafting/Graphing/Printing)	0.24	NA	17.99	NA
PP (Dr/Gr/Pr), 1st Crse	0.18	NA	16.06	NA
PP (Dr/Gr/Pr), >=2 Crse	0.05	NA	4.08	NA
PP (Dr/Gr/Pr), Spec. Crse	0.01	NA	1.62	NA
PP (Metals/Wood/Plastics)	0.18	NA	11.61	NA
PP (Met/Wd/Pls), 1st Crse	0.12	NA	10.59	NA
PP (Met/Wd/Pls), >=2 Crse	0.06	NA	4.11	NA
PP (Met/Wd/Pls), Spec. Crse	0.00	NA	0.10	NA
PP (Other)	0.03	NA	2.89	NA
PP (Other), 1st Crse	0.02	NA	2.38	NA
PP (Other), >=2 Crse	0.01	NA	0.76	NA
PP (Other), Spec. Crse	0.00	NA	0.20	NA
Prec. Prod'n, Coop/Work Exp	0.02	NA	1.09	NA
<previously:)< td=""><td></td><td></td><td></td><td></td></previously:)<>				
Prec. Prod'n, 1st Crse	NA	0.31	NA	24.29
Prec. Prod'n, >=2 Crse	NA	0.14	NA	9.16
Prec. Prod'n, Spec. Crse	NA	0.03	NA	3.17
T&I, Transportation and Material	0.01	0.01	0.96	0.96
Transp. & Material, 1st Crse	0.01	0.01	0.88	0.88
Transp. & Material, >=2 Crse	0.00	0.00	0.06	0.06
Transp. & Material, Spec. Crse	0.00	0.00	0.07	0.07
Transp. & Material, Coop/Work Exp	0.00	NA	0.00	NA

Table 13 Average Number of Vocational Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Vocational Credit in Particular Specific Labor Market Categories—continued

	<u>Mean Credits Earned</u>		<u>Percentage of Students</u>	
	RT	SST	RT	SST
Technology and Communications	0.50	0.22	52.12	23.31
T&C, Computer Technology	0.37	NA	45.81	NA
Computer Technology, 1st Crse	0.35	NA	44.96	NA
Computer Technology, >=2 Crse	0.03	NA	3.35	NA
Comp. Tech., >=2 Crse, non-AP	0.03	NA	3.35	NA
Comp. Tech., >=2 Crse, AP*	0.00	NA	0.00	NA
Computer Technology, Spec. Crse	0.00	NA	0.22	NA
Computer Tech, Coop/Work Exp	0.00	NA	0.00	NA
T&C, Communications Technology	0.10	NA	9.87	NA
Communications, 1st Crse	0.07	NA	7.18	NA
Communications, >=2 Crse	0.01	NA	1.05	NA
Communications, Spec. Crse	0.02	NA	2.71	NA
Communications, Coop/Work Exp	0.00	NA	0.00	NA
T&C, Other Technologies	0.03	NA	2.26	NA
Other Technologies, 1st Crse	0.01	NA	1.22	NA
Other Technologies, >=2 Crse	0.00	NA	0.26	NA
Other Technologies, Spec. Crse	0.01	NA	1.19	NA
Other Tech's, Coop/Work Exp	0.00	NA	0.00	NA
Occupational Home Economics	NA	0.16	NA	10.36
Occup Home Econ, 1st Crse	NA	0.10	NA	6.81
Occup Home Econ, >=2 Crse	NA	0.03	NA	1.71
Occup Home Econ, Spec. Crse	NA	0.03	NA	3.37
Occup Home Econ, Coop/Work Exp	NA	NA	NA	NA
Personal Services	0.10	NA	6.19	NA
Personal Services, 1st Crse	0.06	NA	4.54	NA
Personal Services, >=2 Crse	0.01	NA	0.55	NA
Personal Services, Spec Crse	0.01	NA	1.24	NA
Personal Services, Coop/Work Exp	0.01	NA	0.58	NA
Food Service and Hospitality	0.03	NA	2.08	NA
Food Service and Hospitality, 1st Crse	0.02	NA	1.23	NA
Food Service and Hospitality, >=2 Crse	0.00	NA	0.18	NA
Food Service and Hospitality, Spec Crse	0.01	NA	0.75	NA
Food Srvc & Hosp., Coop/Work Exp	0.00	NA	0.24	NA

Table 13 Average Number of Vocational Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Vocational Credit in Particular Specific Labor Market Categories—continued

	<u>Mean Credits Earned</u>		<u>Percentage of Students</u>	
	RT	SST	RT	SST
Child Care and Education	0.06	NA	5.71	NA
Child Care and Education, 1st Crse	0.02	NA	1.58	NA
Child Care and Education, >=2 Crse	0.00	NA	0.01	NA
Child Care and Education, Spec Crse	0.03	NA	4.02	NA
Child Care & Education, Coop/Work Exp	0.00	NA	0.33	NA
Unidentified SLMP	0.10	0.10	4.64	4.68

NA—Not applicable.

*The AP/IB category is empty because NELS:88 transcripts were coded using CSSC codes before AP/IB-specific codes were designed.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

Table 14 Average Number of Enrichment/Other Credits Earned by 1992 Graduates and Percentage of 1992 Graduates Receiving Credit in Taxonomy Categories

	<u>Mean Credits Earned</u>		<u>Percentage of Students</u>	
	RT	SST	RT	SST
Enrichment/Other (<i>Personal/Other</i>) Curriculum	2.80	2.84	98.77	98.79
General Skills	0.28	0.31	27.82	29.81
Enrichment	0.07	NA	10.24	NA
Assistance	0.03	NA	2.49	NA
Service	0.17	NA	18.31	NA
Health, Physical, and Recreational Educ.	2.22	2.23	97.87	97.87
Religion and Theology	0.25	0.25	9.16	9.16
Military Science	0.05	0.05	2.29	2.29

NA—Not applicable.

Source: National Center for Education Statistics, National Education Longitudinal Study of 1988, Second Followup, 1992.

Appendix C

Detail of the Revised CSSC Code Assignments

Movement of Codes During Revision Process (674 moves)

CSSC Codes and Titles	Moved to	From
52.0102 Mathematics EMH	1_11A	IVA
52.0204 Mathematics EH	1_11A	IVA
52.0302 Mathematics DEAF	1_11A	IVA
Mathematics in the Arts; Mathematics as a Liberal Art; History of		
27.0109 Mathematics	1_11D	IIC
27.9900 Mathematics, Other	1_11D	IIGB
54.1101 Functional Consumer Math	1_12A	IIC
54.1109 Functional Consumer Math, not for credit	1_12A	IIC
56.2721 Resource Consumer Math	1_12A	IIC
56.2729 Resource Consumer Math, not for credit	1_12A	IIC
27.0108 Science Mathematics	1_12B	IIC
27.0114 Consumer Mathematics; Mathematics Survival Skills	1_12B	IIC
27.0403 Algebra 1, Part 2	1_14	IID
27.0412 Analytic Geometry; Geometry, Advanced	1_15	IIGB
27.0405 Algebra 2; Algebra, Intermediate	1_16	IIGA
Algebra 3; Algebra, Advanced; Mathematics, Advanced; Algebra,		
27.0410 College; Algebraic Systems	1_16	IIGA
27.0414 Algebra and Trigonometry	1_16	IIGA
27.0415 Algebra and Analytic Geometry	1_16	IIGA
27.0411 Trigonometry	1_16	IIGB
27.0413 Trigonometry and Solid Geometry	1_16	IIGB
Pre-Calculus; Analysis, Introductory; Mathematical Analysis;		
27.0416 Elementary Functions; Limits and Functions; Analysis, Elementary	1_16	IIGB
27.0417 Linear Algebra; Matrix Algebra; Algebra, Honors	1_17C	IIGA
27.0112 Mathematics Review; SAT Mathematics; Senior Math	1_17C	IIGB
27.0200 Actuarial Sciences, Other	1_17C	IIGB
27.0400 Pure Mathematics, Other	1_17C	IIGB
Mathematics, Independent Study; Mathematics Strategies;		
Mathematics Topics; Mathematics, Competitive; Mathematics,		
27.0424 Enrichment; Mathematics Seminar	1_17C	IIGB
27.0500 Statistics, Other	1_17C	IIGB
27.0511 Statistics	1_17C	IIGB
27.0521 Probability	1_17C	IIGB
27.0531 Probability and Statistics	1_17C	IIGB
27.0421 Mathematics 1, Unified	1_18	IIE
27.0422 Mathematics 2, Unified	1_18	IIF
27.0423 Mathematics 3, Unified	1_18	IIGB
54.1201 Functional Vocational Math	1_19A	IIC
54.1209 Functional Vocational Math, not for credit	1_19A	IIC
56.2711 Resource Vocational Math	1_19A	IIC
56.2719 Resource Vocational Math, not for credit	1_19A	IIC
Mathematics, Vocational; Shop Mathematics; Mathematics for Trade		
27.0110 and Industry; Mathematics for Employment	1_19B	IIC

Movement of Codes During Revision Process (674 moves)

CSSC Codes and Titles	Moved to	From
27.0111 Technical Mathematics	1_19B	I1C
27.0300 Applied Mathematics, Other	1_19B	I1C
32.0108 Mathematics for Employment; Work Experience Mathematics	1_19B	I1C
1.0151 Agricultural Mathematics	1_19B	IIB4
7.0171 Business Mathematics 1; Business Arithmetic; Career Computation 1	1_19B	IIB4
7.0172 Business Mathematics 2; Business Arithmetic 2; Career Computation	1_19B	IIB4
17.0651 Nurse's Mathematics	1_19B	IIB4
52.0104 Science EMH	1_21A	IVA
52.0205 Science EH	1_21A	IVA
52.0303 Science DEAF	1_21A	IVA
Science Investigations; Science Research Techniques; Science Study,		
30.0121 Independent	1_21B	I21A
40.0900 Planetary Science, Other	1_21B	I24D
30.0100 Biological and Physical Sciences, Other	1_21C	I21A
40.0131 Chemistry and Physics Laboratory Techniques	1_21C	I23A
26.0132 Biology, General 2	1_22C	I22B
26.0622 Marine Biology 2; Marine Biology, Advanced	1_22D	I22C
41.0211 Radioactivity	1_23D	I21B
40.0611 Earth Science; Earth Science 9; Earth Science, General	1_25B	I21A
40.0631 Geology	1_25B	I21B
40.0641 Mineralogy	1_25B	I21B
40.0621 Earth Science, College Preparatory	1_25C	I21B
40.0600 Geological Sciences, Other	1_25D	I21B
40.0632 Geology—Field Studies	1_25D	I21B
40.0111 Physical Science 8; Science 8	1_26A	I21A
40.0141 Physical Science, Applied	1_26A	I21A
40.0100 Physical Sciences, Other General	1_26B	I21A
40.0121 Physical Science; Science 9; Chemistry and Physics	1_26B	I21A
40.0700 Miscellaneous Physical Sciences, Other	1_26B	I21B
40.9900 Physical Sciences, Other	1_26B	I21B
30.0300 Engineering and Other Disciplines, Other	1_27	I21A
30.0311 Engineering Concepts	1_27	I21A
14.2600 Surveying and Mapping Sciences, Other	1_27	I21B
14.2611 Cartography/Map Making	1_27	I21B
14.2700 Systems Engineering, Other	1_27	I21B
14.2800 Textile Engineering, Other	1_27	I21B
14.9900 Engineering, Other	1_27	I21B
14.0100 Engineering, Other General	1_27	I21B
14.1211 Instrumentation Physics 1	1_27	I24B
14.0111 Orientation to Engineering; Pre-Engineering	1_27	I24C
14.0221 Aerospace Engineering Design	1_27	I24C
14.1212 Instrumentation Physics 2	1_27	I24C
14.1213 Instrumentation Physics 3	1_27	I24C
14.1214 Instrumentation Physics 4/Advanced Placement	1_27	I24C

Movement of Codes During Revision Process (674 moves)

CSSC Codes and Titles	Moved to	From
14.0200 Aerospace, Aeronautical, and Astronautical, Other	1_27	I24D
14.0300 Agricultural Engineering, Other	1_27	I24D
14.0400 Architectural Engineering, Other	1_27	I24D
14.0500 Bioengineering and Biomedical Engineering, Other	1_27	I24D
14.0600 Ceramic Engineering, Other	1_27	I24D
14.0700 Chemical Engineering, Other	1_27	I24D
14.0800 Civil Engineering, Other	1_27	I24D
14.0900 Computer Engineering, Other	1_27	I24D
14.1000 Electrical, Electronics, and Communications, Other	1_27	I24D
14.1100 Engineering Mechanics, Other	1_27	I24D
14.1200 Engineering Physics, Other	1_27	I24D
14.1300 Engineering Science, Other	1_27	I24D
14.1400 Environmental Health Engineering, Other	1_27	I24D
14.1500 Geological Engineering, Other	1_27	I24D
14.1600 Geophysical Engineering, Other	1_27	I24D
14.1700 Industrial Engineering, Other	1_27	I24D
14.1800 Materials Engineering, Other	1_27	I24D
14.1900 Mechanical Engineering, Other	1_27	I24D
14.1911 Strength of Materials—Mechanical Technology	1_27	I24D
14.2000 Metallurgical Engineering, Other	1_27	I24D
14.2100 Mining and Mineral Engineering, Other	1_27	I24D
14.2200 Naval Architecture and Marine Engineering, Other	1_27	I24D
14.2300 Nuclear Engineering, Other	1_27	I24D
14.2400 Ocean Engineering, Other	1_27	I24D
14.2500 Petroleum Engineering, Other	1_27	I24D
40.1011 Aerospace Science	1_27	I24D
56.2300 Special Education Language Arts	1_31A	I31A
23.0405 Spelling	1_31A	I31A
23.0415 Word Study—Remedial	1_31A	I31A
Reading Development 1; Reading Improvement; Remedial Reading; Reading Skills; Chapter I Reading; Reading Fundamentals; Corrective		
23.1211 Reading	1_31A	I31A
23.1212 Reading Development 2	1_31A	I31A
23.1213 Reading Development 3	1_31A	I31A
23.1214 Reading Development 4	1_31A	I31A
32.0109 Reading Development 1; Reading Improvement; Reading, Remedial	1_31A	I31A
32.0110 Reading Development 2	1_31A	I31A
English, Personal; English, Functional; Career Communications;		
32.0118 Minimum Standards Review	1_31A	I31A
54.2051 Functional Vocational English	1_31A	I31A
54.2059 Functional Vocational English, not for credit	1_31A	I31A
54.2101 Functional Reading	1_31A	I31A
54.2109 Functional Reading, not for credit	1_31A	I31A
56.2309 Resource Language Arts/English, not for credit	1_31A	I31A

Movement of Codes During Revision Process (674 moves)

CSSC Codes and Titles	Moved to	From
56.2310 Special Education Reading	1_31A	I31A
56.2311 Resource Reading	1_31A	I31A
56.2319 Resource Reading, not taken for credit	1_31A	I31A
56.2320 Special Education Writing	1_31A	I31A
56.2321 Resource Writing	1_31A	I31A
56.2329 Resource Writing, not for credit	1_31A	I31A
23.0100 English, Other General	1_31A	I31F
23.9900 Letters, Other	1_31A	I31F
Vocabulary; Fun With Words; College Vocabulary Skill Building;		
23.0404 Word Power	1_31A	I31H
23.0412 Etymology; Wordsearch; Word Clues	1_31A	I31H
54.2201 Functional Oral Communication	1_31A	I34
54.2209 Functional Oral Communication, not for credit	1_31A	I34
23.0156 Vocational English	1_31A	IIB4
32.0112 Speech, Developmental	1_31A	IVA
32.0113 Language, Developmental	1_31A	IVA
32.0114 Voice, Developmental	1_31A	IVA
52.0103 English/Language Arts EMH	1_31A	IVA
52.0203 English/Language Arts EH	1_31A	IVA
52.0301 English/Language Arts DEAF	1_31A	IVA
23.0406 Grammar 7; Language Structure 7	1_31B	I31H
23.0407 Grammar 8; Language Structure 8	1_31B	I31H
23.1311 Functional English 1; Correlated Language Arts 1	1_31C1	I31A
54.2011 Functional Language Arts 1	1_31C1	I31A
54.2019 Functional Language Arts 1, not for credit	1_31C1	I31A
56.2301 Developmental English 1/Resource ESE AAP English 1	1_31C1	I31A
23.1312 Functional English 2; Correlated Language Arts 2	1_31C2	I31A
54.2021 Functional Language Arts 2	1_31C2	I31A
54.2029 Functional Language Arts 2, not for credit	1_31C2	I31A
56.2302 Developmental English 2/Resource ESE AAP English 2	1_31C2	I31A
23.1313 Functional English 3; Correlated Language Arts 3	1_31C3	I31A
54.2031 Functional Language Arts 3	1_31C3	I31A
54.2039 Functional Language Arts 3, not for credit	1_31C3	I31A
56.2303 Developmental English 3/Resource ESE AAP English 3	1_31C3	I31A
Functional English 4; Correlated Language Arts 4; Minimum		
23.1314 Standards Review; Personal and Career Communications	1_31C4	I31A
54.2041 Functional Language Arts 4	1_31C4	I31A
54.2049 Functional Language Arts 4, not for credit	1_31C4	I31A
56.2304 Developmental English 4/Resource ESE AAP English 4	1_31C4	I31A
23.0408 Grammar 9; Language Structure 9	1_31E1	I31H
Grammar 10; Language Structure 10; Grammar Review 10, College		
23.0409 Preparation	1_31E2	I31H
Grammar 11; Language Structure 11; Grammar Review 11, College		
23.0410 Preparation	1_31E3	I31H

Movement of Codes During Revision Process (674 moves)

CSSC Codes and Titles	Moved to	From
Grammar 12; Language Structure 12; Grammar Review 12, College		
23.0411 Preparation; English SAT Preparation	1_31E4	I31H
54.2301 Functional Writing	1_33	I31A
54.2309 Functional Writing, not for credit	1_33	I31A
7.0411 Business English 1; Business Communications	1_33	IIB4
7.0412 Business English 2	1_33	IIB4
7.0413 Business English 3	1_33	IIC22A
7.0414 Business English 4	1_33	IIC22A
23.0900 Rhetoric, Other	1_34	I33
16.0121 English as a Second Language 1; TESOL, Beginning	1_35	I6A
16.0122 English as a Second Language 2; TESOL, Intermediate	1_35	I6A
16.0123 English as a Second Language 3; TESOL, Advanced	1_35	I6A
16.0124 English as a Second Language, Skills Lab	1_35	I6A
16.0125 Transitional English	1_35	I6A
45.0609 American Labor History	1_41D	I44D
European History, Modern, Advanced Placement; Western		
45.0856 Civilization, Modern	1_42C	I42B
32.0119 Contemporary Issues, Basic Skills	1_43A	I41A
45.1033 Contemporary Issues, Basic Skills	1_43A	I41A
45.1030 Political Science, Advanced Placement	1_43D	I43C
44.0300 International Public Service, Other	1_43D	I44D
Consumer Economics; Consumer and the Economy; Economics and		
45.0603 the Consumer	1_44A	I44A
45.0600 Economics, Other	1_44B	I44D
45.0601 Economics 1; Economics, Theory; Economics, Basic	1_44B	I44D
Economics 2; Comparative Economics; American Economy; Free		
Enterprise; Economics and Economic Problems; Economics for Today		
45.0602 and the Future; Economics Now	1_44B	I44D
45.0611 Economics, College	1_44C	I44C
45.0610 Economics, Analysis and Criticism	1_44C	I44D
45.0605 Insurance Theory	1_44D	I44D
45.0606 Investment Economics	1_44D	I44D
45.0607 Television and Economics	1_44D	I44D
45.0612 International Economics	1_44D	I44D
42.0100 Psychology, Other General	1_45B	I44D
42.0111 Psychology; Behavioral Sciences, Introduction; Human Behavior	1_45B	I44D
42.0113 Abnormal Psychology	1_45B	I44D
42.0311 Psychology of Learning	1_45B	I44D
42.0321 Educational Psychology	1_45B	I44D
42.0711 Child Psychology	1_45B	I44D
42.0721 Adolescent Psychology; Adolescent Development	1_45B	I44D
42.0731 Adjustment Psychology	1_45B	I44D
42.1611 Social Psychology	1_45B	I44D

Movement of Codes During Revision Process (674 moves)

CSSC Codes and Titles	Moved to	From
American Social Problems, Introduction; Social Problems; Social		
45.1111 Issues; Community and Intergroup Relations	1_45B	I44D
45.1121 Sociology, General	1_45B	I44D
45.1131 Sociology, Issues	1_45B	I44D
42.0112 Psychology, Advanced	1_45C	I44C
45.1171 Sociology, Honors	1_45C	I44C
45.1181 Sociology, Research	1_45C	I44D
42.0200 Clinical Psychology, Other	1_45D	I44D
42.0300 Cognitive Psychology, Other	1_45D	I44D
42.0400 Community Psychology, Other	1_45D	I44D
42.0500 Comparative Psychology, Other	1_45D	I44D
42.0600 Counseling Psychology, Other	1_45D	I44D
42.0700 Developmental Psychology, Other	1_45D	I44D
42.0800 Experimental Psychology, Other	1_45D	I44D
42.0900 Industrial and Organizational Psychology, Other	1_45D	I44D
42.1000 Personality Psychology, Other	1_45D	I44D
42.1011 Historical Personalities and Ideas	1_45D	I44D
42.1021 Humanistic Psychology	1_45D	I44D
42.1100 Physiological Psychology, Other	1_45D	I44D
42.1200 Psycholinguistics, Other	1_45D	I44D
42.1300 Psychometrics, Other	1_45D	I44D
42.1400 Psychopharmacology, Other	1_45D	I44D
42.1411 Psychopharmacology	1_45D	I44D
42.1500 Quantitative Psychology, Other	1_45D	I44D
42.1600 Social Psychology, Other	1_45D	I44D
42.9900 Psychology, Other	1_45D	I44D
45.1100 Sociology, Other	1_45D	I44D
45.1132 The Poor in America	1_45D	I44D
45.0701 Geography 8	1_46A	I44A
45.0702 Geography, United States	1_46B	I44B
45.0703 Geography, North American	1_46B	I44B
45.0704 World Geography; Cultural and Physical Geography	1_46B	I44B
45.0705 Geography, Western Hemisphere and Africa	1_46B	I44D
45.0706 Geography, Eastern Hemisphere	1_46B	I44D
45.0707 Physical Geography	1_46B	I44D
45.0708 Economic and Political Geography; Economic Geography	1_46B	I44D
45.0709 Human and Cultural Geography; Man and His Environment	1_46B	I44D
45.0710 Field Geography, Honors	1_46C	I44C
45.0700 Geography, Other	1_46D	I44D
52.0105 Social Studies EMH	1_47A	IVA
52.0206 Social Studies EH	1_47A	IVA
52.0304 Social Studies DEAF	1_47A	IVA
45.0800 History, Other	1_47B	I41B
50.0213 Crafts 9; Creative Crafts 9	1_51B	I51A

Movement of Codes During Revision Process (674 moves)

CSSC Codes and Titles	Moved to	From
50.0214 Crafts 10; Creative Crafts 10; Applied Art 10; Home Decorative	1_51B	I51A
50.0215 Crafts 11; Creative Crafts 11; Applied Art 11; Home Decorative	1_51B	I51A
50.0216 Crafts 12; Creative Crafts 12; Applied Art 12	1_51B	I51A
Art, General; Studio In Art; Fine Arts Studio; Studio Art Laboratory;		
50.0703 Arts and Crafts Studio; Survey Media	1_51B	I51A
50.0704 Art 1; Art 9	1_51B	I51A
50.0705 Art 2; Art 10	1_51B	I51A
50.0706 Art 3; Art 11	1_51B	I51A
50.0707 Art 4; Art 12	1_51B	I51A
50.0300 Dance, Other	1_53	I53
50.0311 Modern Dance for Beginners 9; Rhythm and Dance 9	1_53	I53
Modern Dance for Beginners 10; Creative Dance 10; Rhythm and		
50.0312 Dance 10	1_53	I53
Modern Dance for Beginners 11; Creative Dance 11; Rhythm and		
50.0313 Dance 11	1_53	I53
Modern Dance for Beginners 12; Creative Dance 12; Rhythm and		
50.0314 Dance 12	1_53	I53
50.0321 Modern Dance 9, Intermediate	1_53	I53
50.0322 Modern Dance 10, Intermediate	1_53	I53
50.0323 Modern Dance 11, Intermediate	1_53	I53
50.0324 Modern Dance 12, Intermediate	1_53	I53
50.0331 Dance 9, Advanced	1_53	I53
50.0332 Dance 10, Advanced	1_53	I53
50.0333 Dance 11, Advanced	1_53	I53
50.0334 Dance 12, Advanced	1_53	I53
50.0341 Performing Dance Group 9	1_53	I53
50.0342 Performing Dance Group 10	1_53	I53
50.0343 Performing Dance Group 11	1_53	I53
50.0344 Performing Dance Group 12	1_53	I53
50.0351 Ballet and Jazz for Beginners 9	1_53	I53
50.0352 Ballet and Jazz for Beginners 10	1_53	I53
50.0353 Ballet and Jazz for Beginners 11	1_53	I53
50.0354 Ballet and Jazz for Beginners 12	1_53	I53
50.0361 Ethnic Dance; Folk Dance	1_53	I53
50.0371 Square Dance	1_53	I53
50.0381 Aerobic Dance	1_53	I53
50.0421 Theater Makeup	1_54	I53
50.0431 Lighting Fundamentals, Theater	1_54	I53
50.0500 Dramatic Arts, Other	1_54	I53
50.0511 Stagecraft 9; Theater Arts 1; Acting Fundamentals 9	1_54	I53
Stagecraft 10; Acting Fundamentals 10; Stage Design and Stage Craft		
50.0512 10; Play Production 10; Dramatics 10	1_54	I53
Stagecraft 11; Acting Fundamentals 11; Dramatics 11; Theater		
50.0513 Production 11; Play Production 11; Theatre Projects 11; Acting	1_54	I53

Movement of Codes During Revision Process (674 moves)

CSSC Codes and Titles	Moved to	From
Stagecraft 12; Acting Fundamentals 12; Dramatics 12; Play		
50.0514 Production 12; Theater Projects 12; Theater Workshop 12	1_54	I53
50.0521 Improvisation and Mime	1_54	I53
50.0531 Playwriting	1_54	I53
50.0541 Theater Practicum Contract	1_54	I53
50.0551 Drama, History	1_54	I53
50.0561 Drama, Independent Study	1_54	I53
9.0811 Sign Language 1; Signing 1	1_66A	III1
9.0821 Braille Communications	1_66A	III1
9.0812 Sign Language 2; Signing 2	1_66B	III1
55.5011 General Industrial Arts 1	2_B2	IIB3
55.5021 General Industrial Arts 2	2_B2	IIB3
55.5031 General Industrial Arts 3	2_B2	IIB3
55.0001 General Prevocational Preparation	2_B3	IIC8
52.0110 Work Program (OJT off campus) EMH	2_B3	IVB
52.0902 Physically Handicapped Work Program	2_B3	IVB
55.0401 Combined Vocational/Academic Preparation	2_B5	IIB3
55.0409 Combined Vocational/Academic Preparation, not for credit	2_B5	IIB3
18.2400 Veterinary Medicine, Other	2_C01C	IIC4C
55.1411 Agricultural Work Study	2_C01D	IIB3
1.0171 Agriculture Cooperatives; Agricultural Cooperative Education I	2_C01D	IIC1B
1.0172 Agricultural Cooperative Education II	2_C01D	IIC1B
1.0182 SOEP—Supervised Occupational Experience Program	2_C01D	IIC1B
1.0421 Agricultural Products and Processing—Cooperative Education	2_C01D	IIC1B
3.0221 Environmental Management—Cooperative Education	2_C01D	IIC1B
Forestry Occupations—Work Experience; Forestry—Cooperative		
3.0521 Education	2_C01D	IIC1B
55.1511 Agricultural Work Experience	2_C01D	IIC1B
6.0511 Business Economics	2_C021C	IIB4
6.0121 Business Law	2_C021C	IIC21A
6.0200 Accounting, Other	2_C021C	IIC22C
6.0141 Business Education, Cooperative	2_C021D	IIC21B
7.0251 Banking and Financial Careers—Cooperative Education	2_C021D	IIC21B
7.0162 Office Machines, Vocational	2_C022A	IIC22B
7.0241 Bank Data Entry Occupations	2_C022A	IIC22C
7.0371 Peripheral Computer Operator	2_C022A	IIC22C
55.2211 Business Work Study 1	2_C022D	IIB3
55.2221 Business Work Study 2	2_C022D	IIB3
Office Education 1, Cooperative; Clerical On The Job Training;		
7.0741 Office Training, Vocational; Office Occupations Work Experience	2_C022D	IIC22B
7.0742 Office Education 2, Cooperative	2_C022D	IIC22B
55.2311 Business Work Experience 1	2_C022D	IIC22B
55.2321 Business Work Experience 2	2_C022D	IIC22B
8.0131 Fashion Merchandising—Cooperative Education 1	2_C03D	IIC3B

Movement of Codes During Revision Process (674 moves)

CSSC Codes and Titles		Moved to	From
8.0132	Fashion Merchandising—Cooperative Education 2	2_C03D	IIC3B
8.0621	Food Marketing—Cooperative Education 1	2_C03D	IIC3B
8.0622	Food Marketing—Cooperative Education 2	2_C03D	IIC3B
	Distributive Education 1, Cooperative; Store Experience; Marketing		
8.0721	Occupational Experience	2_C03D	IIC3B
8.0722	Distributive Education 2, Cooperative	2_C03D	IIC3B
8.1121	Entertainment Park/Tourism—Cooperative Education	2_C03D	IIC3B
17.0621	Nursing, Introduction; Nursing, Practical	2_C04A	IIC4C
17.0631	Nurse Aide and Orderly; Nurse's Assistant; Patient Care Technician	2_C04A	IIC4C
20.0461	Dietetic Aide	2_C04C	IIC5C
55.3111	Health Occupations Work Study 1	2_C04D	IIB3
55.3121	Health Occupations Work Study 2	2_C04D	IIB3
	Health Occupations 2; Health Occupations TrainingMedical Careers		
17.0521	Work Experience	2_C04D	IIC4B
17.0121	Dental Assistant, Cooperative	2_C04D	IIC4B
17.0592	Health Occupations—Cooperative Education 1	2_C04D	IIC4B
17.0593	Health Occupations—Cooperative Education 2	2_C04D	IIC4B
17.0641	Nurse Aide, Cooperative	2_C04D	IIC4B
55.3211	Health Occupations Work Experience 1	2_C04D	IIC4B
55.3221	Health Occupations Work Experience 2	2_C04D	IIC4B
43.0111	Police Science; Law Enforcement; Criminal Justice	2_C05A	I44D
43.0211	Fire Fighting Practices; Fire Science	2_C05A	I44D
44.0711	Human Services	2_C05A	I44D
43.0100	Criminal Justice, Other	2_C05C	I44D
43.0121	Forensic Studies; Law Science	2_C05C	I44D
43.0200	Fire Protection, Other	2_C05C	I44D
43.9900	Protective Services, Other	2_C05C	I44D
44.0100	Public Affairs, Other General	2_C05C	I44D
44.0200	Community Services, Other	2_C05C	I44D
44.0400	Public Administration, Other	2_C05C	I44D
44.0500	Public Policy Studies, Other	2_C05C	I44D
44.0600	Public Works, Other	2_C05C	I44D
44.0700	Social Work, Other	2_C05C	I44D
44.9900	Public Affairs, Other	2_C05C	I44D
45.0400	Criminology, Other	2_C05C	I44D
43.0311	Security Guard	2_C05C	IIC22C
55.8411	Construction Trades Work Study 1	2_C061D	IIB3
55.8421	Construction Trades Work Study 2	2_C061D	IIB3
21.0130	Electricity—Cooperative Education 1	2_C061D	IIC61B
21.0131	Electricity—Cooperative Education 2	2_C061D	IIC61B
21.0150	Electricity/Electronics—Cooperative Education 1	2_C061D	IIC61B
21.0151	Electricity/Electronics—Cooperative Education 2	2_C061D	IIC61B
	Building Construction—Cooperative Education 1; Construction		
46.0451	Trades—Cooperative Education 1	2_C061D	IIC61B

Movement of Codes During Revision Process (674 moves)

CSSC Codes and Titles	Moved to	From
Building Construction—Cooperative Education 2; Construction		
46.0452 Trades—Cooperative Education 2	2_C061D	IIC61B
55.8511 Construction Trades Work Experience 1	2_C061D	IIC61B
55.8521 Construction Trades Work Experience 2	2_C061D	IIC61B
47.0624 Auto Mechanics—Cooperative Education 1	2_C062D	IIC62B
47.0625 Auto Mechanics—Cooperative Education 2	2_C062D	IIC62B
55.9111 Auto Service Work Experience 1	2_C062D	IIC62B
55.9121 Auto Service Work Experience 2	2_C062D	IIC62B
15.0431 Computer-Assisted Design/Drafting (CAD)	2_C0631A	IIC63C
48.0231 Sign Painting 1; Lettering	2_C0631A	IIC63C
48.0261 Copy Editing	2_C0631C	IIC63B
52.0107 Adaptive Foundry EMH	2_C0632C	IVB
55.7411 Precision Production Work Study 1	2_C0634	IIB3
55.7421 Precision Production Work Study 2	2_C0634	IIB3
21.0111 Industrial Cooperative Work Experience	2_C0634	IIC63B
21.0112 Industrial Cooperative Work Experience, Advanced	2_C0634	IIC63B
21.0140 Electronics—Cooperative Education 1	2_C0634	IIC63B
21.0141 Electronics—Cooperative Education 2	2_C0634	IIC63B
48.0151 Drafting 1, Cooperative	2_C0634	IIC63B
48.0152 Drafting 2, Cooperative	2_C0634	IIC63B
48.0213 Commercial Art, Cooperative	2_C0634	IIC63B
48.0223 Graphic Arts 3; Printing Production—Cooperative	2_C0634	IIC63B
48.0524 Welding—Cooperative Education	2_C0634	IIC63B
55.7511 Precision Production Work Experience 1	2_C0634	IIC63B
55.7521 Precision Production Work Experience 2	2_C0634	IIC63B
11.0111 Computer Appreciation; Computer Literacy; Computers, Introduction Computer Mathematics 1; Computer Problem Solving; Mathematics	2_C071A	IIC
11.0121 and Computing	2_C071A	IIC
11.0211 Computer Programming 1	2_C071A	IIC71A
11.0221 FORTRAN, Introduction	2_C071A	IIC71A
11.0231 PASCAL, Introduction; PASCAL 1	2_C071A	IIC71A
11.0241 BASIC, Introduction; BASIC 1	2_C071A	IIC71A
11.0251 COBOL, Introduction; COBOL 1	2_C071A	IIC71A
Data Processing, Introduction; Data Processing Systems and Procedures; Computer Concepts; Data Processing; Electronic Data		
11.0311 Processing; Data Systems 1	2_C071A	IIC71A
11.0131 Computer Applications; Computer Sciences 1	2_C071A	IIC71C
11.0261 LOGO, Introduction	2_C071A	IIC71C
11.0271 RPG Programming, Introduction	2_C071A	IIC71C
11.0122 Computer Mathematics 2	2_C071BA	IIC
11.0212 Computer Programming 2	2_C071BA	IIC71B
11.0213 Computer Programming 3	2_C071BA	IIC71B
11.0232 Advanced PASCAL; PASCAL 2	2_C071BA	IIC71B
11.0242 Advanced BASIC; BASIC 2	2_C071BA	IIC71B

Movement of Codes During Revision Process (674 moves)

CSSC Codes and Titles

	Moved to	From
11.0252 Advanced COBOL; COBOL 2	2_C071BA	IIC71B
11.0312 Data Processing, Intermediate; Data Processing 2	2_C071BA	IIC71B
11.0313 Data Processing, Advanced; Data Processing, Internship	2_C071BA	IIC71B
11.0100 Computer and Information Sciences, Other General	2_C071BA	IIC71C
11.0132 Computer Applications, Independent Study; Computer Sciences 2	2_C071BA	IIC71C
11.0141 Computer Science, Advanced Placement; Computer Sciences 3	2_C071BA	IIC71C
11.0400 Information Sciences and Systems, Other	2_C071C	IIC
11.0500 Systems Analysis, Other	2_C071C	IIC
11.9900 Computer and Information Sciences, Other	2_C071C	IIC
11.0151 Artificial Intelligence	2_C071C	IIC71C
11.0200 Computer Programming, Other	2_C071C	IIC71C
11.0300 Data Processing, Other	2_C071C	IIC71C
15.0300 Electrical and Electronic Technologies, Other	2_C071C	IIC71C
15.0311 Audio Electronics	2_C071C	IIC71C
15.0333 Electronics Fabrication	2_C071C	IIC71C
15.0341 Electrical/Electronics Engineering Technician	2_C071C	IIC71C
11.0321 Computer Programming—Cooperative Education	2_C071D	IIC71B
9.0612 Careers in Radio/Television Broadcasting	2_C072A	IIC71A
9.0711 Broadcasting, Introduction	2_C072A	IIC71A
10.0111 World of Communications	2_C072A	IIC71A
10.0141 Broadcast Management 1	2_C072A	IIC71A
Film Making and Production 1; Cinematography; Filming and		
10.0151 Staging; Film Technology	2_C072A	IIC71A
Telecommunications 1; Television Occupations; Television		
10.0171 Production 1; Videotape Production	2_C072A	IIC71A
10.0191 Radio/Television Production 1	2_C072A	IIC71A
9.0441 Yearbook Production 1; Publications 1	2_C072A	III1
10.0142 Broadcast Management 2	2_C072B	IIC71B
10.0143 Broadcasting Practicum	2_C072B	IIC71B
10.0152 Film Making and Production 2	2_C072B	IIC71B
10.0172 Television Production 2	2_C072B	IIC71B
10.0173 Television Production 3	2_C072B	IIC71B
10.0174 Television Production 4	2_C072B	IIC71B
10.0192 Radio/Television Production 2	2_C072B	IIC71B
9.0442 Yearbook Production 2; Publications 2	2_C072B	III1
9.0100 Communications, Other General	2_C072C	I44D
Mass Media; Channels of Communications; Media Communications;		
9.0111 Media and Persuasion; Media in Society; Media and Critical Thinking	2_C072C	I44D
9.0300 Communications Research, Other	2_C072C	I44D
9.0721 Radio and Television Appreciation; Television and Taste	2_C072C	I44D
9.9900 Communications, Other	2_C072C	I44D
9.0600 Radio/Television News Broadcast, Other	2_C072C	IIC71C
9.0611 Broadcast Journalism; Television News	2_C072C	IIC71C
9.0700 Radio/Television, Other General	2_C072C	IIC71C

Movement of Codes During Revision Process (674 moves)

CSSC Codes and Titles	Moved to	From
9.0831 Cryptography	2_C072C	IIC71C
10.0100 Communication Technologies, Other	2_C072C	IIC71C
Audio Visuals; Media Production Aide; Communications Media		
10.0121 Production	2_C072C	IIC71C
10.0161 Radio Production	2_C072C	IIC71C
10.0181 Cable Television	2_C072C	IIC71C
47.0124 Telecommunications Technician	2_C072C	IIC71C
15.0331 Electronic Technology 1	2_C073A	IIC71A
15.0411 Electromechanical Technology 1; Robotics Technology	2_C073A	IIC71A
15.0611 Industrial Production Technology 1; Manufacturing Process	2_C073A	IIC71A
17.0321 Chemical Technology 1; Chemistry Lab; Chemistry, Qualitative	2_C073A	IIC71A
15.0332 Electronic Technology 2	2_C073B	IIC71B
15.0412 Electromechanical Technology 2	2_C073B	IIC71B
15.0612 Industrial Production Technology 2; Manufacturing Process	2_C073B	IIC71B
17.0322 Chemical Technology 2	2_C073B	IIC71B
15.0100 Architectural Technologies, Other	2_C073C	IIC71C
15.0111 Structural Engineering Technician	2_C073C	IIC71C
15.0200 Civil Technologies, Other	2_C073C	IIC71C
15.0211 Surveying	2_C073C	IIC71C
15.0221 Civil Engineering Technician	2_C073C	IIC71C
15.0321 Electrical Technology	2_C073C	IIC71C
15.0400 Electromechanical Instrumentation and Maintenance Technologies,	2_C073C	IIC71C
15.0421 Instrumentation Technology	2_C073C	IIC71C
15.0500 Environmental Control Technologies, Other	2_C073C	IIC71C
15.0511 Environmental Control Technologies	2_C073C	IIC71C
15.0600 Industrial Production Technologies, Other	2_C073C	IIC71C
15.0601 Industrial Research & Development; Product Creation/Improvement	2_C073C	IIC71C
15.0621 Chemical Manufacturing Technology	2_C073C	IIC71C
15.0631 Optics Technology	2_C073C	IIC71C
15.0700 Quality Control and Safety Technologies, Other	2_C073C	IIC71C
15.0711 Quality Control Technology	2_C073C	IIC71C
15.0800 Mechanical and Related Technologies, Other	2_C073C	IIC71C
15.0811 Automotive Design & Technology	2_C073C	IIC71C
15.0821 Mechanical Engineering Technology	2_C073C	IIC71C
15.0900 Mining and Petroleum Technologies, Other	2_C073C	IIC71C
15.0911 Mining Technology	2_C073C	IIC71C
15.0921 Petroleum Technology	2_C073C	IIC71C
15.9900 Engineering and Engineering-Related Technologies, Other	2_C073C	IIC71C
41.0100 Biological Technologies, Other	2_C073C	IIC71C
41.0200 Nuclear Technologies, Other	2_C073C	IIC71C
41.0300 Physical Science Technologies, Other	2_C073C	IIC71C
41.9900 Science Technologies, Other	2_C073C	IIC71C
55.4211 Clothing and Textiles 1	2_C08A	IIC5A
4.0511 Interior Design	2_C08A	IIC5A

Movement of Codes During Revision Process (674 moves)

CSSC Codes and Titles	Moved to	From
12.0111 Dry Cleaning 1 Cosmetology; Care of the Nails and Skin; Esthetician; Creative	2_C08A	IIC5A
12.0411 Coiffure and Shaping and Conditioning Hair	2_C08A	IIC5A
12.0421 Barbering 1	2_C08A	IIC5A
12.0431 Personal Services Occupations	2_C08A	IIC5A
12.0511 General Services Occupations 1	2_C08A	IIC5A
12.0521 Building & Grounds Maintenance Occ 1 Home Economics Occupations 1, Exploratory; Home Economics Job	2_C08A	IIC5A
20.0151 Training Exploration Clothing Occupations 1; Fashion Design and Clothing Occupations;	2_C08A	IIC5A
20.0311 Profitable Sewing 1 Housing and Interior Design 1; Homes and Interiors; Home	2_C08A	IIC5A
20.0511 Furnishings; Living Environments	2_C08A	IIC5A
20.0513 Interior Design Occupations; Home Environment Occupations	2_C08A	IIC5A
20.0571 Home-Service Assisting 1	2_C08A	IIC5A
20.0611 Custodial Services	2_C08A	IIC5A
20.0641 Geriatrics 1; Companion to the Aged	2_C08A	IIC5A
55.6111 Cosmetology/Barber 1	2_C08A	IIC5A
55.6211 Custodial and Housekeeping Services 1	2_C08A	IIC5A
55.6411 Miscellaneous Services 1	2_C08A	IIC5A
55.4221 Clothing and Textiles 2	2_C08B	IIC5B
12.0112 Dry Cleaning 2 Cosmetology 2; Cosmetology, Advanced; Wigology and the	2_C08B	IIC5B
12.0412 Professional Business of Cosmetology	2_C08B	IIC5B
12.0413 Cosmetology 3	2_C08B	IIC5B
12.0422 Barbering 2	2_C08B	IIC5B
12.0423 Barbering 3	2_C08B	IIC5B
12.0512 General Services Occupations 2	2_C08B	IIC5B
12.0513 General Services Occupations 3	2_C08B	IIC5B
12.0514 General Services Occupations 4	2_C08B	IIC5B
12.0522 Building & Grounds Maintenance Occ 2	2_C08B	IIC5B
12.0523 Building & Grounds Maintenance Occ 3	2_C08B	IIC5B
20.0152 Home Economics Occupations 2, Exploratory	2_C08B	IIC5B
20.0312 Clothing Occupations 2; Profitable Sewing 2	2_C08B	IIC5B
20.0313 Clothing Occupations 3	2_C08B	IIC5B
20.0512 Housing and Interior Design 2	2_C08B	IIC5B
20.0572 Home-Service Assisting 2	2_C08B	IIC5B
20.0642 Geriatrics 2	2_C08B	IIC5B
55.6121 Cosmetology/Barber 2	2_C08B	IIC5B
55.6221 Custodial and Housekeeping Services 2	2_C08B	IIC5B
55.6421 Miscellaneous Services 2	2_C08B	IIC5B
20.0391 Clothing Production Management	2_C08C	IIC21C
4.0500 Interior Design, Other	2_C08C	IIC5C
12.0100 Drycleaning and Laundering Services, Other	2_C08C	IIC5C

Movement of Codes During Revision Process (674 moves)

CSSC Codes and Titles	Moved to	From
12.0300 Funeral Services, Other	2_C08C	IIC5C
12.0400 Personal Services, Other	2_C08C	IIC5C
12.9900 Consumer, Personal, and Miscellaneous Services, Other	2_C08C	IIC5C
Clothing, Apparel, and Textiles Management, Production, and		
20.0300 Services, Other	2_C08C	IIC5C
20.0321 Clothing Maintenance Aide	2_C08C	IIC5C
20.0331 Commercial Garment and Apparel Construction	2_C08C	IIC5C
20.0341 Custom Apparel Construction	2_C08C	IIC5C
20.0351 Custom Tailoring and Alteration	2_C08C	IIC5C
20.0361 Wedding and Specialty Consulting	2_C08C	IIC5C
20.0371 Fashion and Fabric Coordination	2_C08C	IIC5C
20.0381 Textiles Testing	2_C08C	IIC5C
Home Furnishings and Equipment Management, Production, and		
20.0500 Services, Other	2_C08C	IIC5C
20.0521 Floral Design	2_C08C	IIC5C
20.0531 Home Decorating	2_C08C	IIC5C
20.0541 Home Furnishings Aide	2_C08C	IIC5C
20.0551 Custom Drapery and Window Treatment Design	2_C08C	IIC5C
20.0561 Custom Slipcovering and Upholstering	2_C08C	IIC5C
20.0600 Institutional, Home Management, and Supporting Services, Other	2_C08C	IIC5C
20.0621 Executive Housekeeping	2_C08C	IIC5C
20.0631 Homemaker's Aide; Homemaker's Assistant, Home Managemen	2_C08C	IIC5C
20.0651 Consumer Aide	2_C08C	IIC5C
20.0661 Therapeutic Recreation Aide	2_C08C	IIC5C
20.9900 Vocational Home Economics, Other	2_C08C	IIC5C
55.4511 Home Economics Work Experience 1	2_C08D	IIB3
55.4521 Home Economics Work Experience 2	2_C08D	IIB3
55.4411 Home Economics Work Study 1	2_C08D	IIB3
55.4421 Home Economics Work Study 2	2_C08D	IIB3
55.6511 Service Occupations Work Study 1	2_C08D	IIB3
55.6521 Service Occupations Work Study 2	2_C08D	IIB3
12.0414 Cosmetology - Cooperative Educ. 2 (1?)	2_C08D	IIC5B
12.0415 Cosmetology - Cooperative Educ. 2	2_C08D	IIC5B
20.0193 Home Economics—Cooperative Education 1	2_C08D	IIC5B
20.0194 Home Economics—Cooperative Education 2	2_C08D	IIC5B
20.0314 Clothing Occupations—Cooperative Education 1	2_C08D	IIC5B
20.0315 Clothing Occupations—Cooperative Education 2	2_C08D	IIC5B
20.0573 Home-Service Asst—Cooperative Education 1	2_C08D	IIC5B
20.0574 Home-Service Asst—Cooperative Education 2	2_C08D	IIC5B
20.0643 Geriatrics—Cooperative Education 1	2_C08D	IIC5B
20.0644 Geriatrics—Cooperative Education 2	2_C08D	IIC5B
Institutional, Home Management Support Services—Cooperative		
20.0671 Education	2_C08D	IIC5B
55.6611 Service Occupations Work Experience 1	2_C08D	IIC5B

Movement of Codes During Revision Process (674 moves)

CSSC Codes and Titles	Moved to	From
55.6621 Service Occupations Work Experience 2	2_C08D	IIC5B
8.0611 Food Marketing/Distribution—Overview	2_C09A	IIC3A
8.0911 Orientation to Hospitality Careers	2_C09A	IIC3A
8.0921 Hospitality Sales 1	2_C09A	IIC3A
Food Service Training 1; Culinary Arts 1; Commercial Foods, Basic;		
20.0411 Restaurant Occupations 1; Chef Class	2_C09A	IIC5A
55.6311 Food Services 1	2_C09A	IIC5A
8.0922 Hospitality Sales 2	2_C09B	IIC3B
Food Service Training 2; Culinary Arts 2; Commercial Foods,		
20.0412 Advanced; Restaurant Occupations 2	2_C09B	IIC5B
55.6321 Food Services 2	2_C09B	IIC5B
6.0711 Hotel and Motel Management	2_C09C	IIC21C
6.0712 Hotel and Motel Training	2_C09C	IIC21C
20.0400 Food Production, Management, and Services, Other	2_C09C	IIC5C
20.0413 Food Services/Restaurant Management	2_C09C	IIC5C
20.0431 Baking	2_C09C	IIC5C
20.0441 Chef	2_C09C	IIC5C
20.0451 Catering	2_C09C	IIC5C
20.0471 Food Testing	2_C09C	IIC5C
12.0200 Entertainment Services, Other	2_C09C	III2
52.0106 Adaptive Foods EMH	2_C09C	IVB
20.0421 Food Service Cooperative Training; Food Service, Vocational	2_C09D	IIC5B
20.0481 Cafeteria Assistant; School Food Service	2_C09D	IIC5C
55.4111 Child Development 1	2_C10A	IIAA
Child Care Services; Early Childhood Workshop; Child Development		
20.0211 Services; Nursery School Training	2_C10A	IIC5A
55.4121 Child Development 2	2_C10B	IIAB
13.0100 Education, Other General	2_C10C	I44D
13.0200 Bilingual/Bicultural Education, Other	2_C10C	I44D
13.0300 Curriculum and Instruction, Other	2_C10C	I44D
13.0400 Education Administration, Other	2_C10C	I44D
13.0500 Educational Media, Other	2_C10C	I44D
13.0600 Evaluation and Research, Other	2_C10C	I44D
13.0700 International and Comparative Education, Other	2_C10C	I44D
13.0800 School Psychology, Other	2_C10C	I44D
13.0900 Social Foundations, Other	2_C10C	I44D
13.1000 Special Education, Other	2_C10C	I44D
13.1100 Student Counseling and Personnel Services, Other	2_C10C	I44D
13.1200 Teacher Education, General Programs, Other	2_C10C	I44D
13.1300 Teacher Education, Specific Subject Areas, Other	2_C10C	I44D
13.1400 Teaching English as a Second Language/Foreign Language, Other	2_C10C	I44D
13.9900 Education, Other	2_C10C	I44D
25.0100 Library and Archival Sciences, Other General	2_C10C	IIC22C
25.0111 Library Science; Library Skills	2_C10C	IIC22C

Movement of Codes During Revision Process (674 moves)

CSSC Codes and Titles	Moved to	From
25.0200 Archival Science, Other	2_C10C	IIC22C
25.0300 Library Assisting, Other	2_C10C	IIC22C
25.0311 Library Assistant; Library Aide	2_C10C	IIC22C
25.0400 Library Science, Other	2_C10C	IIC22C
25.0500 Museology, Other	2_C10C	IIC22C
25.9900 Library and Archival Sciences, Other	2_C10C	IIC22C
20.0126 Current Issues in Child Development	2_C10C	IIC5C
20.0200 Child Care and Guidance Management and Services, Other	2_C10C	IIC5C
20.0221 Child Care Aide	2_C10C	IIC5C
20.0231 Child Care Management	2_C10C	IIC5C
20.0241 Family Care Services; Foster Care and Family Care	2_C10C	IIC5C
20.0251 Teacher Aide/Elementary	2_C10C	IIC5C
20.0252 Teacher Aide/Secondary	2_C10C	IIC5C
20.0261 Child Care—Cooperative Education 1	2_C10D	IIC5B
20.0262 Child Care—Cooperative Education 2	2_C10D	IIC5B
24.0141 Gifted and Talented Program	3_A1	I44D
7.0153 Personal Recordkeeping; Home Finance	3_A1	III1
7.0613 Speedwriting; Shorthand for College; Notetaking; College Notehand	3_A1	III1
23.0414 Interpersonal Communication	3_A1	III1
23.1215 Speed Reading	3_A1	III1
24.0121 Summer Abroad	3_A1	III1
24.0131 Independent Study; Beyond Regular Study; Mentorship	3_A1	III1
32.0101 Home Finance; Recordkeeping; Personal	3_A1	III1
32.0111 Speed Reading	3_A1	III1
32.0116 Shorthand for College; Speedwriting; Notetaking; College; Notehand	3_A1	III1
32.0117 Study Dynamics	3_A1	III1
32.0211 Study Dynamics	3_A1	III1
32.0221 Test Taking	3_A1	III1
43.0221 Fire Safety Education	3_A1	III1
45.0604 Filing Your Income Taxes; Income Taxes	3_A1	III1
54.2401 Functional Academics	3_A2	I31A
54.2409 Functional Academics, not for credit	3_A2	I31A
54.4501 Functional Social Skills	3_A2	I44A
54.4509 Functional Social Skills, not for credit	3_A2	I44A
56.3211 Resource Transitional Skills	3_A2	IIB3
56.3219 Resource Transitional Skills, not for credit	3_A2	IIB3
23.0413 Handwriting; Penmanship	3_A2	III1
32.0100 Basic Skills, Career and Employment, Other	3_A2	III1
32.0200 not in cssc listing, but 32.02=Basic Skills, General	3_A2	III1
32.0201 Resource Room (NON Special Ed)	3_A2	III1
54.3001 Activities of Daily and Family Living	3_A2	III1
54.3009 Activities of Daily and Family Living, not for credit	3_A2	III1
54.3101 Social/Behavioral Skills	3_A2	III1
54.3109 Social/Behavioral Skills, not for credit	3_A2	III1

Movement of Codes During Revision Process (674 moves)

CSSC Codes and Titles	Moved to	From
54.3401 Functional Transition Skills	3_A2	III1
54.3409 Functional Transition Skills, not for credit	3_A2	III1
54.9401 Handicapped Developmental Support Services	3_A2	III1
54.9409 Handicapped Developmental Support Services, not for credit	3_A2	III1
56.9001 General Tutorial Services	3_A2	III1
56.9009 General Tutorial Services, not for credit	3_A2	III1
56.9101 Resource Study Skills	3_A2	III1
56.9109 Resource Study Skills, not for credit	3_A2	III1
56.9201 School and Social Survival Skills	3_A2	III1
56.9209 School and Social Survival Skills, not for credit	3_A2	III1
56.9301 Resource Survival Skills	3_A2	III1
56.9309 Resource Survival Skills, not for credit	3_A2	III1
56.9401 Handicap Specific Support Services	3_A2	III1
56.9409 Handicap Specific Support Services, not for credit	3_A2	III1
33.0100 Citizenship/Civic Activities, Other	3_A3	III1
Teacher Assistant; Instructional Assistant; Teacher Cadet; Student Assistant; School Service; Laboratory Assistant; Clerical Aide; Office		
33.0111 Aide	3_A3	III1
33.0131 Student Government; Assembly	3_A3	III1
33.0141 Peer Tutoring; Tutoring (providing, not receiving)	3_A3	III1
33.0151 Community Service; Community Involvement	3_A3	III1
35.0131 Peer Counseling	3_A3	III2
52.0109 Adaptive Health Education	3_B	IVA
52.0108 Adaptive Drivers Education EMH	3_B	IVC
30.0200 Clinical Pastoral Care, Other	3_C	I44D

Listing of NCES Working Papers to Date

Please contact Angela Miles at (202) 219-1761 (angela_miles@ed.gov)
if you are interested in any of the following papers

<u>Number</u>	<u>Title</u>	<u>Contact</u>
94-01 (July)	Schools and Staffing Survey (SASS) Papers Presented at Meetings of the American Statistical Association	Dan Kasprzyk
94-02 (July)	Generalized Variance Estimate for Schools and Staffing Survey (SASS)	Dan Kasprzyk
94-03 (July)	1991 Schools and Staffing Survey (SASS) Reinterview Response Variance Report	Dan Kasprzyk
94-04 (July)	The Accuracy of Teachers' Self-reports on their Postsecondary Education: Teacher Transcript Study, Schools and Staffing Survey	Dan Kasprzyk
94-05 (July)	Cost-of-Education Differentials Across the States	William Fowler
94-06 (July)	Six Papers on Teachers from the 1990-91 Schools and Staffing Survey and Other Related Surveys	Dan Kasprzyk
94-07 (Nov.)	Data Comparability and Public Policy: New Interest in Public Library Data Papers Presented at Meetings of the American Statistical Association	Carrol Kindel
95-01 (Jan.)	Schools and Staffing Survey: 1994 Papers Presented at the 1994 Meeting of the American Statistical Association	Dan Kasprzyk
95-02 (Jan.)	QED Estimates of the 1990-91 Schools and Staffing Survey: Deriving and Comparing QED School Estimates with CCD Estimates	Dan Kasprzyk
95-03 (Jan.)	Schools and Staffing Survey: 1990-91 SASS Cross-Questionnaire Analysis	Dan Kasprzyk
95-04 (Jan.)	National Education Longitudinal Study of 1988: Second Follow-up Questionnaire Content Areas and Research Issues	Jeffrey Owings
95-05 (Jan.)	National Education Longitudinal Study of 1988: Conducting Trend Analyses of NLS-72, HS&B, and NELS:88 Seniors	Jeffrey Owings

Listing of NCES Working Papers to Date--Continued

<u>Number</u>	<u>Title</u>	<u>Contact</u>
95-06 (Jan.)	National Education Longitudinal Study of 1988: Conducting Cross-Cohort Comparisons Using HS&B, NAEP, and NELS:88 Academic Transcript Data	Jeffrey Owings
95-07 (Jan.)	National Education Longitudinal Study of 1988: Conducting Trend Analyses HS&B and NELS:88 Sophomore Cohort Dropouts	Jeffrey Owings
95-08 (Feb.)	CCD Adjustment to the 1990-91 SASS: A Comparison of Estimates	Dan Kasprzyk
95-09 (Feb.)	The Results of the 1993 Teacher List Validation Study (TLVS)	Dan Kasprzyk
95-10 (Feb.)	The Results of the 1991-92 Teacher Follow-up Survey (TFS) Reinterview and Extensive Reconciliation	Dan Kasprzyk
95-11 (Mar.)	Measuring Instruction, Curriculum Content, and Instructional Resources: The Status of Recent Work	Sharon Bobbitt & John Ralph
95-12 (Mar.)	Rural Education Data User's Guide	Samuel Peng
95-13 (Mar.)	Assessing Students with Disabilities and Limited English Proficiency	James Houser
95-14 (Mar.)	Empirical Evaluation of Social, Psychological, & Educational Construct Variables Used in NCES Surveys	Samuel Peng
95-15 (Apr.)	Classroom Instructional Processes: A Review of Existing Measurement Approaches and Their Applicability for the Teacher Follow-up Survey	Sharon Bobbitt
95-16 (Apr.)	Intersurvey Consistency in NCES Private School Surveys	Steven Kaufman
95-17 (May)	Estimates of Expenditures for Private K-12 Schools	Stephen Broughman
95-18 (Nov.)	An Agenda for Research on Teachers and Schools: Revisiting NCES' Schools and Staffing Survey	Dan Kasprzyk
96-01 (Jan.)	Methodological Issues in the Study of Teachers' Careers: Critical Features of a Truly Longitudinal Study	Dan Kasprzyk

Listing of NCES Working Papers to Date--Continued

<u>Number</u>	<u>Title</u>	<u>Contact</u>
96-02 (Feb.)	Schools and Staffing Survey (SASS): 1995 Selected papers presented at the 1995 Meeting of the American Statistical Association	Dan Kasprzyk
96-03 (Feb.)	National Education Longitudinal Study of 1988 (NELS:88) Research Framework and Issues	Jeffrey Owings
96-04 (Feb.)	Census Mapping Project/School District Data Book	Tai Phan
96-05 (Feb.)	Cognitive Research on the Teacher Listing Form for the Schools and Staffing Survey	Dan Kasprzyk
96-06 (Mar.)	The Schools and Staffing Survey (SASS) for 1998-99: Design Recommendations to Inform Broad Education Policy	Dan Kasprzyk
96-07 (Mar.)	Should SASS Measure Instructional Processes and Teacher Effectiveness?	Dan Kasprzyk
96-08 (Apr.)	How Accurate are Teacher Judgments of Students' Academic Performance?	Jerry West
96-09 (Apr.)	Making Data Relevant for Policy Discussions: Redesigning the School Administrator Questionnaire for the 1998-99 SASS	Dan Kasprzyk
96-10 (Apr.)	1998-99 Schools and Staffing Survey: Issues Related to Survey Depth	Dan Kasprzyk
96-11 (June)	Towards an Organizational Database on America's Schools: A Proposal for the Future of SASS, with comments on School Reform, Governance, and Finance	Dan Kasprzyk
96-12 (June)	Predictors of Retention, Transfer, and Attrition of Special and General Education Teachers: Data from the 1989 Teacher Followup Survey	Dan Kasprzyk
96-13 (June)	Estimation of Response Bias in the NHES:95 Adult Education Survey	Steven Kaufman
96-14 (June)	The 1995 National Household Education Survey: Reinterview Results for the Adult Education Component	Steven Kaufman

Listing of NCES Working Papers to Date--Continued

<u>Number</u>	<u>Title</u>	<u>Contact</u>
96-15 (June)	Nested Structures: District-Level Data in the Schools and Staffing Survey	Dan Kasprzyk
96-16 (June)	Strategies for Collecting Finance Data from Private Schools	Stephen Broughman
96-17 (July)	National Postsecondary Student Aid Study: 1996 Field Test Methodology Report	Andrew G. Malizio
96-18 (Aug.)	Assessment of Social Competence, Adaptive Behaviors, and Approaches to Learning with Young Children	Jerry West
96-19 (Oct.)	Assessment and Analysis of School-Level Expenditures	William Fowler
96-20 (Oct.)	1991 National Household Education Survey (NHES:91) Questionnaires: Screener, Early Childhood Education, and Adult Education	Kathryn Chandler
96-21 (Oct.)	1993 National Household Education Survey (NHES:93) Questionnaires: Screener, School Readiness, and School Safety and Discipline	Kathryn Chandler
96-22 (Oct.)	1995 National Household Education Survey (NHES:95) Questionnaires: Screener, Early Childhood Program Participation, and Adult Education	Kathryn Chandler
96-23 (Oct.)	Linking Student Data to SASS: Why, When, How	Dan Kasprzyk
96-24 (Oct.)	National Assessments of Teacher Quality	Dan Kasprzyk
96-25 (Oct.)	Measures of Inservice Professional Development: Suggested Items for the 1998-1999 Schools and Staffing Survey	Dan Kasprzyk
96-26 (Nov.)	Improving the Coverage of Private Elementary-Secondary Schools	Steven Kaufman
96-27 (Nov.)	Intersurvey Consistency in NCES Private School Surveys for 1993-94	Steven Kaufman

Listing of NCES Working Papers to Date--Continued

<u>Number</u>	<u>Title</u>	<u>Contact</u>
96-28 (Nov.)	Student Learning, Teaching Quality, and Professional Development: Theoretical Linkages, Current Measurement, and Recommendations for Future Data Collection	Mary Rollefson
96-29 (Nov.)	Undercoverage Bias in Estimates of Characteristics of Adults and 0- to 2-Year-Olds in the 1995 National Household Education Survey (NHES:95)	Kathryn Chandler
96-30 (Dec.)	Comparison of Estimates from the 1995 National Household Education Survey (NHES:95)	Kathryn Chandler
97-01 (Feb.)	Selected Papers on Education Surveys: Papers Presented at the 1996 Meeting of the American Statistical Association	Dan Kasprzyk
97-02 (Feb.)	Telephone Coverage Bias and Recorded Interviews in the 1993 National Household Education Survey (NHES:93)	Kathryn Chandler
97-03 (Feb.)	1991 and 1995 National Household Education Survey Questionnaires: NHES:91 Screener, NHES:91 Adult Education, NHES:95 Basic Screener, and NHES:95 Adult Education	Kathryn Chandler
97-04 (Feb.)	Design, Data Collection, Monitoring, Interview Administration Time, and Data Editing in the 1993 National Household Education Survey (NHES:93)	Kathryn Chandler
97-05 (Feb.)	Unit and Item Response, Weighting, and Imputation Procedures in the 1993 National Household Education Survey (NHES:93)	Kathryn Chandler
97-06 (Feb.)	Unit and Item Response, Weighting, and Imputation Procedures in the 1995 National Household Education Survey (NHES:95)	Kathryn Chandler
97-07 (Mar.)	The Determinants of Per-Pupil Expenditures in Private Elementary and Secondary Schools: An Exploratory Analysis	Stephen Broughman
97-08 (Mar.)	Design, Data Collection, Interview Timing, and Data Editing in the 1995 National Household Education Survey	Kathryn Chandler

Listing of NCES Working Papers to Date--Continued

<u>Number</u>	<u>Title</u>	<u>Contact</u>
97-09 (Apr.)	Status of Data on Crime and Violence in Schools: Final Report	Lee Hoffman
97-10 (Apr.)	Report of Cognitive Research on the Public and Private School Teacher Questionnaires for the Schools and Staffing Survey 1993-94 School Year	Dan Kasprzyk
97-11 (Apr.)	International Comparisons of Inservice Professional Development	Dan Kasprzyk
97-12 (Apr.)	Measuring School Reform: Recommendations for Future SASS Data Collection	Mary Rollefson
97-13 (Apr.)	Improving Data Quality in NCES: Database-to-Report Process	Susan Ahmed
97-14 (Apr.)	Optimal Choice of Periodicities for the Schools and Staffing Survey: Modeling and Analysis	Steven Kaufman
97-15 (May)	Customer Service Survey: Common Core of Data Coordinators	Lee Hoffman
97-16 (May)	International Education Expenditure Comparability Study: Final Report, Volume I	Shelley Burns
97-17 (May)	International Education Expenditure Comparability Study: Final Report, Volume II, Quantitative Analysis of Expenditure Comparability	Shelley Burns
97-18 (June)	Improving the Mail Return Rates of SASS Surveys: A Review of the Literature	Steven Kaufman
97-19 (June)	National Household Education Survey of 1995: Adult Education Course Coding Manual	Peter Stowe
97-20 (June)	National Household Education Survey of 1995: Adult Education Course Code Merge Files User's Guide	Peter Stowe
97-21 (June)	Statistics for Policymakers or Everything You Wanted to Know About Statistics But Thought You Could Never Understand	Susan Ahmed
97-22 (July)	Collection of Private School Finance Data: Development of a Questionnaire	Stephen Broughman

Listing of NCES Working Papers to Date--Continued

<u>Number</u>	<u>Title</u>	<u>Contact</u>
97-23 (July)	Further Cognitive Research on the Schools and Staffing Survey (SASS) Teacher Listing Form	Dan Kasprzyk
97-24 (Aug.)	Formulating a Design for the ECLS: A Review of Longitudinal Studies	Jerry West
97-25 (Aug.)	1996 National Household Education Survey (NHES:96) Questionnaires: Screener/Household and Library, Parent and Family Involvement in Education and Civic Involvement, Youth Civic Involvement, and Adult Civic Involvement	Kathryn Chandler
97-26 (Oct.)	Strategies for Improving Accuracy of Postsecondary Faculty Lists	Linda Zimbler
97-27 (Oct.)	Pilot Test of IPEDS Finance Survey	Peter Stowe
97-28 (Oct.)	Comparison of Estimates in the 1996 National Household Education Survey	Kathryn Chandler
97-29 (Oct.)	Can State Assessment Data be Used to Reduce State NAEP Sample Sizes?	Steven Gorman
97-30 (Oct.)	ACT's NAEP Redesign Project: Assessment Design is the Key to Useful and Stable Assessment Results	Steven Gorman
97-31 (Oct.)	NAEP Reconfigured: An Integrated Redesign of the National Assessment of Educational Progress	Steven Gorman
97-32 (Oct.)	Innovative Solutions to Intractable Large Scale Assessment (Problem 2: Background Questionnaires)	Steven Gorman
97-33 (Oct.)	Adult Literacy: An International Perspective	Marilyn Binkley
97-34 (Oct.)	Comparison of Estimates from the 1993 National Household Education Survey	Kathryn Chandler
97-35 (Oct.)	Design, Data Collection, Interview Administration Time, and Data Editing in the 1996 National Household Education Survey	Kathryn Chandler
97-36 (Oct.)	Measuring the Quality of Program Environments in Head Start and Other Early Childhood Programs: A Review and Recommendations for Future Research	Jerry West

Listing of NCES Working Papers to Date--Continued

<u>Number</u>	<u>Title</u>	<u>Contact</u>
97-37 (Nov.)	Optimal Rating Procedures and Methodology for NAEP Open-ended Items	Steven Gorman
97-38 (Nov.)	Reinterview Results for the Parent and Youth Components of the 1996 National Household Education Survey	Kathryn Chandler
97-39 (Nov.)	Undercoverage Bias in Estimates of Characteristics of Households and Adults in the 1996 National Household Education Survey	Kathryn Chandler
97-40 (Nov.)	Unit and Item Response Rates, Weighting, and Imputation Procedures in the 1996 National Household Education Survey	Kathryn Chandler
97-41 (Dec.)	Selected Papers on the Schools and Staffing Survey: Papers Presented at the 1997 Meeting of the American Statistical Association	Steve Kaufman
97-42 (Jan. 1998)	Improving the Measurement of Staffing Resources at the School Level: The Development of Recommendations for NCES for the Schools and Staffing Survey (SASS)	Mary Rollefson
97-43 (Dec.)	Measuring Inflation in Public School Costs	William J. Fowler, Jr.
97-44 (Dec.)	Development of a SASS 1993-94 School-Level Student Achievement Subfile: Using State Assessments and State NAEP, Feasibility Study	Michael Ross
98-01 (Jan.)	Collection of Public School Expenditure Data: Development of a Questionnaire	Stephen Broughman
98-02 (Jan.)	Response Variance in the 1993-94 Schools and Staffing Survey: A Reinterview Report	Steven Kaufman
98-03 (Feb.)	Adult Education in the 1990s: A Report on the 1991 National Household Education Survey	Peter Stowe
98-04 (Feb.)	Geographic Variations in Public Schools' Costs	William J. Fowler, Jr.

Listing of NCES Working Papers to Date--Continued

<u>Number</u>	<u>Title</u>	<u>Contact</u>
98-05 (Mar.)	SASS Documentation: 1993-94 SASS Student Sampling Problems; Solutions for Determining the Numerators for the SASS Private School (3B) Second-Stage Factors	Steven Kaufman
98-06 (May)	National Education Longitudinal Study of 1988 (NELS:88) Base Year through Second Follow-Up: Final Methodology Report	Ralph Lee
98-07 (May)	Decennial Census School District Project Planning Report	Tai Phan
98-08 (July)	The Redesign of the Schools and Staffing Survey for 1999-2000: A Position Paper	Dan Kasprzyk
98-09 (Aug.)	High School Curriculum Structure: Effects on Coursetaking and Achievement in Mathematics for High School Graduates—An Examination of Data from the National Education Longitudinal Study of 1988	Jeffrey Owings
98-10 (Aug.)	Adult Education Participation Decisions and Barriers: Review of Conceptual Frameworks and Empirical Studies	Peter Stowe
98-11 (Aug.)	Beginning Postsecondary Students Longitudinal Study First Follow-up (BPS:96-98) Field Test Report	Aurora D'Amico
98-12 (Oct.)	A Bootstrap Variance Estimator for Systematic PPS Sampling	Steven Kaufman
98-13 (Oct.)	Response Variance in the 1994-95 Teacher Follow-up Survey	Steven Kaufman
98-14 (Oct.)	Variance Estimation of Imputed Survey Data	Steven Kaufman
98-15 (Oct.)	Development of a Prototype System for Accessing Linked NCES Data	Steven Kaufman
98-16 (Dec.)	A Feasibility Study of Longitudinal Design for Schools and Staffing Survey	Stephen Broughman
98-17 (Dec.)	Developing the National Assessment of Adult Literacy: Recommendations from Stakeholders	Sheida White

Listing of NCES Working Papers to Date--Continued

<u>Number</u>	<u>Title</u>	<u>Contact</u>
1999-01 (Jan.)	A Birth Cohort Study: Conceptual and Design Considerations and Rationale	Jerry West
1999-02 (Feb.)	Tracking Secondary Use of the Schools and Staffing Survey Data: Preliminary Results	Dan Kasprzyk
1999-03 (Feb.)	Evaluation of the 1996-97 Nonfiscal Common Core of Data Surveys Data Collection, Processing, and Editing Cycle	Beth Young
1999-04 (Feb.)	Measuring Teacher Qualifications	Dan Kasprzyk
1999-05 (Mar.)	Procedures Guide for Transcript Studies	Dawn Nelson
1999-06 (Mar.)	1998 Revision of the Secondary School Taxonomy	Dawn Nelson





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